

SAFETY DATA SHEET

Issue Date 13-Apr-2015

Revision Date 28-Jul-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier Product Name	CHI Ionic Shine Shades Liqui	d Hair Color -All Shades
<u>Other means of identification</u> UN/ID No. Synonyms	ORM-D None	
Recommended use of the chemical		
Recommended Use Uses advised against	For Professional Use Only. All other uses	
Details of the supplier of the safety		
Manufacturer Address	<u>data sheet</u> E-mail address	regulatory@farouk.com
		regulatory@farouk.com
Manufacturer Address Farouk Systems Inc.		regulatory@farouk.com
Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive	E-mail address	regulatory@farouk.com
Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090	E-mail address	regulatory@farouk.com
Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-9	E-mail address	regulatory@farouk.com

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

Label elements

Emergency Overview

Appearance aqueous solution

Physical state liquid

Odor Pleasant

Hazards not otherwise classified (HNOC) Other Information No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No.	Weight-%	Trade Secret
Alcohol	64-17-5	5-15	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures			
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.		
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions seek medical attention.		
Inhalation	Should overexposure occur or victim show signs of immediate distress, remove victim to fresh air.		
Ingestion	In case of accidental ingestion, Wash out mouth with water. DO NOT INDUCE VOMITING. Seek immediate medical attention.		
Self-protection of the first aider	Use personal protection recommended in Section 8.		
Most important symptoms and effects, both acute and delayed			
Symptoms	No information available.		
Indication of any immediate medical attention and special treatment needed			
Note to physicians	Treat symptomatically.		
5. FIRE-FIGHTING MEASURES			

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

<u>Specific hazards arising from the chemical</u> No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point 44 °C 111 °F CC (closed cup)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.		
Methods for cleaning up	Pick up and transfer to properly labeled containers.		
	7. HANDLING AND STORAGE		
Precautions for safe handling			
Advice on safe handling	Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.		
Conditions for safe storage, including any incompatibilities			
Storage Conditions	Keep in a dry, cool and well-ventilated place. Keep container tightly closed.		
Incompatible materials	None known based on information supplied.		
8. EXPOSURE CONTROLS/PERSONAL PROTECTION			

Control parameters

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

exposure limits established by the region specific regulatory bodies.			
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³
Ethanolamine 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m ³ (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m ³ (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m ³	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³
Resorcinol 108-46-3	STEL: 20 ppm TWA: 10 ppm	(vacated) TWA: 10 ppm (vacated) TWA: 45 mg/m ³ (vacated) STEL: 20 ppm (vacated) STEL: 90 mg/m ³	TWA: 10 ppm TWA: 45 mg/m ³ STEL: 20 ppm STEL: 90 mg/m ³
Alumina 1344-28-1	TWA: 1 mg/m ³ respirable fraction	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	-
Titanium Dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust	IDLH: 5000 mg/m ³
Silica 60676-86-0	-	(vacated) TWA: 0.1 mg/m ³ respirable dust : (80)/(% SiO2) mg/m ³ TWA TWA: 20 mppcf	-

Appropriate engineering controls

Engineering Controls Showers Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection	No special technical protective measures are necessary.	
Skin and body protection	No special technical protective measures are necessary.	
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved	

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Appearance Color	liquid aqueous solution light brown	Odor Odor threshold	Pleasant No information avail	able
<u>Property</u> pH Melting point/freezing point Boiling point / boiling range	<u>Values</u> 9.8 - 10.5 No information available No information available	<u>Remarks • Method</u>		
Flash point / boining range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air	44 °C 111 °F No information available No information available	CC (closed cup)		
Upper flammability limit Lower flammability limit Vapor pressure Vapor density	No information available No information available No information available No information available			
Relative density Water solubility Solubility in other solvents Partition coefficient	No information available Soluble in water No information available No information available			
Autoignition temperature Decomposition temperature	No information available	Decomposition temper	available	
		Viscosity Dynamic viscosity	No information avail No information avail	
Explosive properties Oxidizing properties	No information available No information available			
Other Information				
Softening point Molecular weight VOC Content (%) Density Bulk density	No information available No information available 11 No information available No information available			

10. STABILITY AND REACTIVITY

Reactivity No data available

<u>Chemical stability</u> Stable under recommended storage conditions. <u>Possibility of Hazardous Reactions</u> None under normal processing. <u>Conditions to avoid</u> Extremes of temperature and direct sunlight. <u>Incompatible materials</u> None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohol 64-17-5	= 7060 mg/kg(Rat)	-	= 124.7 mg/L (Rat)4 h
Propylene Glycol 57-55-6	= 20000 mg/kg(Rat)	= 20800 mg/kg (Rabbit)	-
PEG-2 Soyamine 61791-24-0	= 1 g/kg (Rat)	-	-
Oleic Acid 112-80-1	= 25 g/kg (Rat)	-	-
Ethanolamine 141-43-5	= 1720 mg/kg (Rat)	= 1000 mg/kg(Rabbit)= 1 mL/kg (Rabbit)	-
Oleth-5 9004-98-2	= 2700 mg/kg(Rat)	-	-
Polysorbate 20 9005-64-5	= 36700 µL/kg(Rat)	-	-
Resorcinol 108-46-3	= 202 mg/kg (Rat)	= 3360 mg/kg (Rabbit)	= 21.3 mg/L (Rat)1 h
Sodium Sulfite 7757-83-7	= 820 mg/kg (Rat)	-	> 22 mg/L (Rat)1 h
Sodium Erythorbate 6381-77-7	> 5 g/kg (Rat)	-	-
p-Aminophenol 123-30-8	= 375 mg/kg (Rat)	> 10 g/kg (Rabbit)> 8000 mg/kg (Rabbit)	> 5.91 mg/kg (Rat)1 h
Tetrasodium EDTA 64-02-8	= 1658 mg/kg (Rat) = 10 g/kg (Rat)	-	-
4-Amino-2-Hydroxytoluene 2835-95-2	= 3600 mg/kg (Rat)	-	-
Menthol 1490-04-6	= 2602 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Alumina 1344-28-1	> 5000 mg/kg (Rat)	-	-
Titanium Dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Toluene-2,5-Diamine Sulfate 615-50-9	= 98 mg/kg (Rat)	-	-
Water 7732-18-5	> 90 mL/kg (Rat)	-	-

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Alcohol	A3	Group 1	Known	Х
64-17-5				
Reproductive toxicity	No information	No information available.		
STOT - single exposure	No information	No information available.		
STOT - repeated exposure	No information	No information available.		
Aspiration hazard	No information	No information available.		

Numerical measures of toxicity - Product Information

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Alcohol 64-17-5		100: 96 h Pimephales promelas mg/L LC50 static 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static 10800: 24 h Daphnia magna mg/L EC50
Propylene Glycol 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	1000: 48 h Daphnia magna mg/L EC50 Static 10000: 24 h Daphnia magna mg/L EC50
Oleic Acid 112-80-1		205: 96 h Pimephales promelas mg/L LC50 static	
Ethanolamine 141-43-5	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static	65: 48 h Daphnia magna mg/L EC50
Resorcinol 108-46-3	1.1 - 72: 72 h Chlorella pyrenoidosa mg/L EC50	100: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 53.4: 96 h Pimephales promelas mg/L LC50 36 - 100: 96 h Pimephales promelas mg/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 flow-through 34.7: 96 h Leuciscus idus mg/L LC50 static	78: 48 h Daphnia magna mg/L LC50
Sodium Sulfite 7757-83-7		220 - 460: 96 h Leuciscus idus mg/L LC50 static	330: 24 h Psammechinus miliaris mg/L LC50
p-Aminophenol 123-30-8		24: 96 h Pimephales promelas mg/L LC50 static	
Tetrasodium EDTA 64-02-8	1.01: 72 h Desmodesmus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static	610: 24 h Daphnia magna mg/L EC50
Menthol 1490-04-6		22.3: 96 h Brachydanio rerio mg/L LC50 static	44.3: 24 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Alcohol	-0.32
64-17-5	

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do r

Do not reuse container.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Resorcinol	U201	Included in waste stream:		U201
108-46-3		K060		
p-Aminophenol		Included in waste stream:		
123-30-8		K060		
4-Amino-2-Hydroxytoluene		Included in waste stream:		
2835-95-2		K060		

Chemical Name	California Hazardous Waste Status
Alcohol	Toxic
64-17-5	Ignitable

14. TRANSPORT INFORMATION

DOT

UN/ID No.	
Proper shipping name	

ORM-D Consumer Commodity

IATA_ UN/ID No. Proper shipping name Hazard Class	ID 8000 Consumer Commodity 9
IMDG UN/ID No. Proper shipping name Hazard Class Packing Group EmS-No Description	UN 1993 UN 1993, Flammable Liquid, N.O.S (contains Alcohol) 3 III F-E, S-E UN 1993, Flammable Liquid, N.O.S. (contains Alcohol), Class 3, PG III, LTD QTY

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances **AICS** - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories	
Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

Ethyl alcohol (Ethanol) is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage

Chemical Name	California Proposition 65
Alcohol - 64-17-5	Carcinogen Developmental
Titanium Dioxide - 13463-67-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Alcohol 64-17-5	X	Х	X
Propylene Glycol 57-55-6	Х		Х
Oleic Acid 112-80-1			Х
Ethanolamine 141-43-5	Х	Х	Х
Resorcinol 108-46-3	Х	Х	Х
Alumina 1344-28-1	Х	Х	Х
Titanium Dioxide 13463-67-7	Х	Х	Х
Silica 60676-86-0	Х	Х	
Water 7732-18-5			Х

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date	13-Apr-2			
Revision Date Revision Note	28-Jul-20	/15		
No information available				
Disclaimer				

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17-	Apr-2014	Version 1
1.	PRODUCT AND COMP	ANY IDENTIFICATION	
Product identifier Product Name	CHI Chromashine Bold Cold	or-CHI Red	
Other means of identification Synonyms	None		
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Profe All other uses	essional Use Only.	
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address	regulatory@farouk.com	
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300		
	2. HAZARDS IDE	NTIFICATION	
Classification			
OSHA Regulatory Status Professional Use Only; While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.			
Label elements			
	Emergency	Overview	
Appearance cream	Physical state C	ream/ Lotion	Odor Pleasant
Hazards not otherwise classified (HNOC) Other Information No information available			
3. CC	OMPOSITION/INFORMA	TION ON INGREDIENTS	

Composition:	The complete ingredient list for the finished product(s) is as follows: Aqua/Water/Eau, Cetyl Alcohol, Glycol Distearate, Ceteareth-20, Cetyl Alcohol, Glycerin, Behentrimonlum Chloride,Hydrolyzed Silk, Aloe Barbadensis Leaf Juice Powder, Citric Acid, Dimethicone, Dimethiconol, Amodimethicone,Cetrimonium Chloride, Trideceth-8, Polyquaternium-37, Propylene Glycol Dicaprylate/Dicaprate, PPG-1 Trideceth-6,Methylisothiazolinone, Phenoxyethanol, Sodium Benzotriazolyl Butylphenol Sulfonate, Silica, Alumina,Titanium Dioxide, Fragrance (Parfum), Benzyl Benzoate, Citral, Citronellol, Limonene, Linalool, HC Blue No. 15,Basic Yellow 87	
	4. FIRST AID MEASURES	
First aid measures		
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.	
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.	
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.	
Inhalation	Not an expected route of exposure.	
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.	
Most important symptoms	and effects, both acute and delayed	
Symptoms	No information available.	
Indication of any immediate	e medical attention and special treatment needed	
Note to physicians	Treat symptomatically.	
	5. FIRE-FIGHTING MEASURES	
Suitable extinguishing med Dry chemical, CO2, water spi		
Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.		
Specific hazards arising fro No information available.	om the chemical	
<u>Explosion data</u> Sensitivity to Mechanica Sensitivity to Static Dis		

<u>Protective equipment and precautions for firefighters</u> As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions		
Environmental precautions	See Section 12 for additional ecological information.	
Methods and material for containm	ent and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.	
Methods for cleaning up	Pick up and transfer to properly labeled containers.	
7. HANDLING AND STORAGE		
Precautions for safe handling		
Advice on safe handling	Avoid contact with eyes.	
Conditions for safe storage, including any incompatibilities		
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.	
Incompatible materials	None known based on information supplied.	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerol	-	TWA: 15 mg/m ³ mist, total	-
56-81-5		particulate	
		TWA: 5 mg/m ³ mist, respirable	
		fraction	
		(vacated) TWA: 10 mg/m ³ mist,	
		total particulate	
		(vacated) TWA: 5 mg/m ³ mist,	
		respirable fraction	
Annuanulata anglina aulum agutuala			

Appropriate engineering controls

Engineering ControlsNone under normal use conditions.Individual protection measures, sub-as personal protective equipmentEye/face protectionNo special technical protective measures are necessary.Skin and body protectionNo special technical protective measures are necessary.Respiratory protectionIf exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved
respiratory protection should be worn. Positive-pressure supplied air respirators may be
provided in accordance with current local regulations.General Hygiene ConsiderationsNone under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Cream/ Lotion
Appearance	cream
Color	red

Odor Odor threshold Pleasant No information available

Property_	Values	Remarks • Method
рН	8.5-10	
Melting point/freezing point	Not Applicable	
Boiling point / boiling range	No information available	
Flash point	Not Applicable	
Evaporation rate	Not Applicable	
Flammability (solid, gas)	Not Applicable	
Flammability Limit in Air		
Upper flammability limit	-	
Lower flammability limit	-	
Vapor pressure	Not Applicable	
Vapor density	Not Applicable	
Specific Gravity	Not Applicable	
Water solubility	Soluble in water	
Viscosity	4000 - 5000	
Other Information		
Molecular weight	Not Applicable	
VOC Content (%)	Not Applicable	
Density	Not Applicable	

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardo

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)	-	-
7732-18-5			

Sodium C14-16 Olefin Sulfonate 68439-57-6	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	-
Cocamidopropyl Betaine 61789-40-0	= 4900 mg/kg(Rat)	-	-
Glycerol 56-81-5	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m³ (Rat)1 h

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure No information availab	
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium C14-16 Olefin Sulfonate 68439-57-6		1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2: 96 h Brachydanio rerio mg/L LC50 semi-static		
Cocamidopropyl Betaine 61789-40-0	1.0 - 10.0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC50	Brachydanio rerio mg/L		6.5: 48 h Daphnia magna mg/L EC50
Glycerol 56-81-5		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated
ICAO (air)	Not regulated
IATA	Not regulated
IMDG_	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Glycerol	Х	Х	Х
56-81-5			

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA_	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date 22-Aug-2013				
Revision Date	17-Apr-2	014		
Revision Note				
No information available				
<u>Disclaimer</u>				
The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief				
at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The				

storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 1	7-Apr-2014	Version 1	
1. PRODUCT AND COMPANY IDENTIFICATION				
Product identifier Product Name	CHI Chromashine Bold Co	lor - Hot Fushia		
Other means of identification Synonyms	None			
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Pro All other uses	fessional Use Only.		
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address	regulatory@farouk.com		
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300	1		
	2. HAZARDS ID	ENTIFICATION		
<u>Classification</u>				
OSHA Regulatory Status Consumer Use; While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.				
Label elements				
r	Emergency	/ Overview		
Appearance cream	Physical state	Cream/ Lotion	Odor Pleasant	
Hazards not otherwise classified (HNOC) Other Information No information available				
3. CC	OMPOSITION/INFORM	IATION ON INGREDIENTS		

Composition:	The complete ingredient list for the finished product(s) is as follows: Aqua/Water/Eau, Cetearyl Alcohol, Cetyl Alcohol, Ceteareth-20, Oleic Acid, Propylene Glycol, Glycerin, Behentrimonium Chloride, Polysorbate 60, Fragrance (Parfum), Hydrolyzed Silk, Aloe Barbadensis Leaf Juice Powder, Silica, Alumina, Titanium Dioxide, Amodimethicone, Cetrimonium Chloride, Trideceth-8, Dimethicone, Dimethiconol, Acrylates/Steareth-20 Itaconate Copolymer, Sodium Sulfite, Sodium Erythorbate, Ethanolamine, Phenoxyethanol, Caprylyl Glycol, Hexylene Glycol, Potassium Sorbate, Limonene, Citronellol, Linalool, Citral, Benzyl Benzoate, Basic Violet 2 (CI 42520)		
	4. FIRST AID MEASURES		
First aid measures			
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.		
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.		
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.		
Inhalation	Not an expected route of exposure.		
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.		
Most important symptoms and effects, both acute and delayed			
Symptoms	No information available.		
Indication of any immediate medical attention and special treatment needed			
Note to physicians	Treat symptomatically.		
5. FIRE-FIGHTING MEASURES			
<u>Suitable extinguishing media</u> Dry chemical, CO2, water spray or alcohol-resistant foam.			

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions				
Environmental precautions	See Section 12 for additional ecological information.			
Methods and material for containm	ent and cleaning up			
Methods for containment	Prevent further leakage or spillage if safe to do so.			
Methods for cleaning up Pick up and transfer to properly labeled containers.				
	7. HANDLING AND STORAGE			
Precautions for safe handling				
Advice on safe handling	Avoid contact with eyes.			
Conditions for safe storage, includ	ing any incompatibilities			
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.			
Incompatible materials	None known based on information supplied.			
8. EXPOSURE CONTROLS/PERSONAL PROTECTION				
Control parameters_				
Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.			
Appropriate engineering controls				
Engineering Controls	None under normal use conditions.			
Individual protection measures, su	ch as personal protective equipment			
Eye/face protection	No special technical protective measures are necessary.			
Skin and body protection	No special technical protective measures are necessary.			
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.			
	······			

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Appearance Color	Cream/ Lotion cream purple	Odor Odor threshold	Pleasant No information available
<u>Property</u> pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas)	<u>Values</u> 8.5-10.0 Not Applicable No information available Not Applicable Not Applicable Not Applicable	<u>Remarks • Method</u>	

Flammability Limit in Air	
Upper flammability limit	-
Lower flammability limit	-
Vapor pressure	Not Applicable
Vapor density	Not Applicable
Specific Gravity	Not Applicable
Water solubility	Soluble in water
Viscosity	5500-7000
Other Information	
Molecular weight	Not Applicable
VOC Content (%)	Not Applicable
Density	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity_____

No data available

<u>Chemical stability</u> Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization

Hazardous polymerization does not occur.

<u>Conditions to avoid</u> None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.

No information available. STOT - single exposure STOT - repeated exposure No information available. Aspiration hazard No information available. Numerical measures of toxicity - Product Information The following values are calculated based on chapter 3.1 of the GHS document . **12. ECOLOGICAL INFORMATION** Ecotoxicity Persistence and degradability No information available. **Bioaccumulation** No information available. Other adverse effects No information available **13. DISPOSAL CONSIDERATIONS** Waste treatment methods **Disposal of wastes** Dispose of contents/containers in accordance with local regulations. Contaminated packaging Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated
ICAO (air)	Not regulated
	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories	
Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<u>CERCLA</u>

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA_	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date Revision Date Revision Note	22-Aug-2013 17-Apr-2014			
		-	t to the best of our knowled	•

at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 1	8-Apr-2014	Version 1	
1.	PRODUCT AND COM	IPANY IDENTIFICATION		
Product identifier Product Name	CHI Chromashine Bold Co	olor - Pure Pink		
Other means of identification Synonyms	None			
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Pro All other uses	ofessional Use Only.		
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address	regulatory@farouk.com		
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300)		
	2. HAZARDS IE	DENTIFICATION		
<u>Classification</u>				
OSHA Regulatory Status Professional Use Only; While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.				
Label elements				
	Emergenc	y Overview		
Appearance cream	Physical state	Cream/ Lotion	Odor Pleasant	
Hazards not otherwise classified (HNOC) Other Information No information available				
3. CC	OMPOSITION/INFORM	ATION ON INGREDIENT	'S	

Composition:	The complete ingredient list for the finished product(s) is as follows: Aqua/Water/Eau, Cetearyl Alcohol, Cetyl Alcohol, Ceteareth-20, Oleic Acid, Propylene Glycol, Glycerin, Behentrimonium Chloride, Polysorbate 60, Fragrance (Parfum), Hydrolyzed Silk, Aloe Barbadensis Leaf Juice Powder, Silica, Alumina, Titanium Dioxide, Amodimethicone, Cetrimonium Chloride, Trideceth-8, Dimethicone, Dimethiconol, Acrylates/Steareth-20 Itaconate Copolymer, Sodium Sulfite, Sodium Erythorbate, Ethanolamine, Phenoxyethanol, Caprylyl Glycol, Hexylene Glycol, Potassium	
	Sorbate, Limonene, Citronellol, Linalool, Citral, Benzyl Benzoate,Acid Red 92 (CI 45410), Basic Orange 31	
	4. FIRST AID MEASURES	
First aid measures		
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.	
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.	
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.	
Inhalation	Not an expected route of exposure.	
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.	
Most important symptoms and effects, both acute and delayed		
Symptoms	No information available.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	Treat symptomatically.	

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions		
Environmental precautions	See Section 12 for additional ecological information.	
Methods and material for containm	ent and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.	
Methods for cleaning up	Pick up and transfer to properly labeled containers.	
7. HANDLING AND STORAGE		
Precautions for safe handling		
Advice on safe handling	Avoid contact with eyes.	
Conditions for safe storage, including any incompatibilities		
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.	
Incompatible materials	None known based on information supplied.	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. **Chemical Name** ACGIH TLV **OSHA PEL NIOSH IDLH** Glycerol TWA: 15 mg/m³ mist, total -56-81-5 particulate TWA: 5 mg/m³ mist, respirable fraction (vacated) TWA: 10 mg/m³ mist, total particulate (vacated) TWA: 5 mg/m³ mist, respirable fraction

Appropriate engineering controls

Engineering Controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection	No special technical protective measures are necessary.
Skin and body protection	No special technical protective measures are necessary.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Considerations	None under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Cream/ Lotion		
Appearance	cream	Odor	Pleasant
Color	pink	Odor threshold	No information available

Property pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit Lower flammability limit	<u>Values</u> 8.5 - 10 Not Applicable No information available Not Applicable Not Applicable Not Applicable	<u>Remarks • Method</u>
Vapor pressure	Not Applicable	
Vapor density	Not Applicable	
Specific Gravity	Not Applicable	
Water solubility	Soluble in water	
Viscosity	5500 - 7000	
Other Information		
Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable	

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
1132-10-3			

Sodium C14-16 Olefin Sulfonate 68439-57-6	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	-
Cocamidopropyl Betaine 61789-40-0	= 4900 mg/kg(Rat)	-	-
Glycerol 56-81-5	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m³ (Rat)1 h

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium C14-16 Olefin Sulfonate 68439-57-6		1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2: 96 h Brachydanio rerio mg/L LC50 semi-static		
Cocamidopropyl Betaine 61789-40-0	1.0 - 10.0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC50	Brachydanio rerio mg/L		6.5: 48 h Daphnia magna mg/L EC50
Glycerol 56-81-5		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
ICAO (air)	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Glycerol	Х	Х	Х
56-81-5			

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA_	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date Revision Date Revision Note No information available	22-Aug-2 18-Apr-2			
Disclaimer The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or guality specification. The				

storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17	-Apr-2014	Version 1
1.	PRODUCT AND COM	PANY IDENTIFICATION	
Product identifier Product Name	CHI Chromashine Bold Col	or-Rich Blue	
Other means of identification Synonyms	None		
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Prof All other uses	essional Use Only.	
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address	regulatory@farouk.com	
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300		
	2. HAZARDS ID	ENTIFICATION	
Classification			
OSHA Regulatory Status Professional Use Only; While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.			
Label elements			
	Emergency	Overview	
Appearance cream	Physical state (Cream/ Lotion	Odor Pleasant
Hazards not otherwise classified (H Other Information No information available	NOC)		
3. CC	OMPOSITION/INFORM	ATION ON INGREDIENTS	

Composition:	The complete ingredient list for the finished product(s) is as follows:		
	Aqua/Water/Eau, Cetearyl Alcohol, Cetyl Alcohol, Ceteareth-20, Behentrimonium Chloride, Glycerin, Hydrolyzed Silk,Aloe Barbadensis Leaf Juice Powder, Silica, Alumina, Titanium Dioxide, Dimethicone, Dimethiconol, Polyquaternium-37,Propylene Glycol Dicaprylate/Dicaprate, PPG-1 Trideceth-6, Sodium Benzotriazolyl Butylphenol Sulfonate,Buteth-3, Tributyl Citrate, Phenoxyethanol, Caprylyl Glycol, Hexylene Glycol, Potassium Sorbate, Fragrance (Parfum),Limonene, Citronellol, Linalool, Citral, Benzyl Benzoate, HC Blue No. 15, Basic Violet 2 (CI 42520)		
	4. FIRST AID MEASURES		
First aid measures			
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.		
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.		
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.		
Inhalation	Not an expected route of exposure.		
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.		
Most important symptoms and effects, both acute and delayed			
Symptoms	No information available.		
Indication of any immediate medical attention and special treatment needed			
Note to physicians	Treat symptomatically.		
	5. FIRE-FIGHTING MEASURES		
Suitable extinguishing media			

Dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions		
Environmental precautions	See Section 12 for additional ecological information.	
Methods and material for containm	ent and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.	
Methods for cleaning up	Pick up and transfer to properly labeled containers.	
	7. HANDLING AND STORAGE	
Precautions for safe handling		
Advice on safe handling	Avoid contact with eyes.	
Conditions for safe storage, includ	ing any incompatibilities	
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.	
Incompatible materials	None known based on information supplied.	
8. EX	POSURE CONTROLS/PERSONAL PROTECTION	
Control parameters		
Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	
Appropriate engineering controls		
Engineering Controls	None under normal use conditions.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	No special technical protective measures are necessary.	
Skin and body protection	No special technical protective measures are necessary.	
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.	
General Hygiene Considerations	None under normal use conditions.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Appearance Color	Cream/ Lotion cream blue	Odor Odor threshold	Pleasant No information available
<u>Property</u> pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas)	<u>Values</u> 4.5-6.0 Not Applicable No information available Not Applicable Not Applicable Not Applicable	<u>Remarks • Method</u>	

Flammability Limit in Air Upper flammability limit Lower flammability limit Vapor pressure Vapor density Specific Gravity Water solubility Viscosity	- Not Applicable Not Applicable Not Applicable Soluble in water 5500-7000
Other Information	
Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable

10. STABILITY AND REACTIVITY

Reactivity_____

No data available

<u>Chemical stability</u> Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization

Hazardous polymerization does not occur.

<u>Conditions to avoid</u> None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.

STOT - single exposure No information available. STOT - repeated exposure No information available. Aspiration hazard No information available. Numerical measures of toxicity - Product Information The following values are calculated based on chapter 3.1 of the GHS document . **12. ECOLOGICAL INFORMATION** Ecotoxicity Persistence and degradability No information available. **Bioaccumulation** No information available. Other adverse effects No information available **13. DISPOSAL CONSIDERATIONS** Waste treatment methods **Disposal of wastes** Dispose of contents/containers in accordance with local regulations. Contaminated packaging Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated
ICAO (air)	Not regulated
	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories	
Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<u>CERCLA</u>

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION						
NFPA_	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -		
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X		
Issue Date Revision Date Revision Note	22-Aug-2013 17-Apr-2014					
		-	t to the best of our knowled	•		

at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17	-Apr-2014	Version 1			
1. PRODUCT AND COMPANY IDENTIFICATION						
Product identifier Product Name	CHI Chromashine Bold Col	or-True Teal				
Other means of identification Synonyms	None					
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Prof All other uses	essional Use Only.				
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address	regulatory@farouk.com				
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300					
2. HAZARDS IDENTIFICATION						
Classification						
OSHA Regulatory Status Professional Use Only; While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.						
Label elements						
Emergency Overview						
Appearance cream	Physical state (Cream/ Lotion	Odor Pleasant			
Hazards not otherwise classified (H Other Information No information available	NOC)					
3. CC	OMPOSITION/INFORM	ATION ON INGREDIENTS				

Composition:	The complete ingredient list for the finished product(s) is as follows:
	Aqua/Water/Eau, Cetearyl Alcohol, Cetyl Alcohol, Ceteareth-20, Behentrimonium Chloride, Glycerin, Hydrolyzed Silk,Aloe Barbadensis Leaf Juice Powder, Silica, Alumina, Titanium Dioxide, Dimethicone, Dimethiconol, Polyquaternium-37,Propylene Glycol Dicaprylate/Dicaprate, PPG-1 Trideceth-6, Sodium Benzotriazolyl Butylphenol Sulfonate,Buteth-3, Tributyl Citrate, Phenoxyethanol, Caprylyl Glycol, Hexylene Glycol, Potassium Sorbate, Fragrance (Parfum),Limonene, Citronellol, Linalool, Citral, Benzyl Benzoate, HC Blue No. 15, Basic Yellow 87
	4. FIRST AID MEASURES
First aid measures	
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.
Inhalation	Not an expected route of exposure.
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.
Most important symptoms and effect	cts, both acute and delayed
Symptoms	No information available.
Indication of any immediate medica	I attention and special treatment needed
Note to physicians	Treat symptomatically.
	5. FIRE-FIGHTING MEASURES
Suitable extinguishing media	

Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions			
Environmental precautions	See Section 12 for additional ecological information.		
Methods and material for containm	ent and cleaning up		
Methods for containment	Prevent further leakage or spillage if safe to do so.		
Methods for cleaning up	Pick up and transfer to properly labeled containers.		
	7. HANDLING AND STORAGE		
Precautions for safe handling			
Advice on safe handling	Avoid contact with eyes.		
Conditions for safe storage, including any incompatibilities			
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.		
Incompatible materials	None known based on information supplied.		
8. EX	POSURE CONTROLS/PERSONAL PROTECTION		
Control parameters			
Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.		
Appropriate engineering controls			
Engineering Controls	None under normal use conditions.		
Individual protection measures, su	ch as personal protective equipment		
Eye/face protection	No special technical protective measures are necessary.		
Skin and body protection	No special technical protective measures are necessary.		
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.		
General Hygiene Considerations	None under normal use conditions.		

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Appearance Color	Cream/ Lotion cream light blue	Odor Odor threshold	Pleasant No information available
<u>Property</u> pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas)	<u>Values</u> 4.5-6.0 Not Applicable No information available Not Applicable Not Applicable Not Applicable	<u>Remarks • Method</u>	

Flammability Limit in Air Upper flammability limit Lower flammability limit Vapor pressure Vapor density Specific Gravity Water solubility Viscosity	- Not Applicable Not Applicable Not Applicable Soluble in water 5000-7000
Other Information	
Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable

10. STABILITY AND REACTIVITY

Reactivity

No data available

<u>Chemical stability</u> Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization

Hazardous polymerization does not occur.

<u>Conditions to avoid</u> None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.

STOT - single exposure STOT - repeated exposure Aspiration hazard

No information available. No information available. No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and degradability No information available.

Bioaccumulation No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods	
Disposal of wastes	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated
ICAO (air)	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories	
Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<u>CERCLA</u>

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA_	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date Revision Date Revision Note	22-Aug-2 17-Apr-20			
		-	t to the best of our knowled	•

at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17-	Apr-2014	Version 1
1.	PRODUCT AND COMP	ANY IDENTIFICATION	
Product identifier Product Name	CHI Chromashine Bold Colo	pr-Vibrant Violet	
Other means of identification Synonyms	None		
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Profe All other uses	essional Use Only.	
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address	regulatory@farouk.com	
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300		
	2. HAZARDS IDE	INTIFICATION	
<u>Classification</u>			
	o the safe handling and prope	the OSHA Hazard Communication Standard, the osh and the product. This MSDS should be retained by the product.	
Label elements			
	Emergency	Overview	
Appearance cream	Physical state C	Cream/ Lotion	Odor Pleasant
Hazards not otherwise classified (H Other Information No information available	NOC)		
3. CC	OMPOSITION/INFORM	ATION ON INGREDIENTS	

Composition:	The complete ingredient list for the finished product(s) is as follows:
	Aqua/Water/Eau, Cetearyl Alcohol, Cetyl Alcohol, Ceteareth-20, Behentrimonium Chloride, Glycerin, Hydrolyzed Silk,Aloe Barbadensis Leaf Juice Powder, Silica, Alumina, Titanium Dioxide, Dimethicone, Dimethiconol, Polyquaternium-37,Propylene Glycol Dicaprylate/Dicaprate, PPG-1 Trideceth-6, Sodium Benzotriazolyl Butylphenol Sulfonate, Buteth-3,Tributyl Citrate, Phenoxyethanol, Caprylyl Glycol, Hexylene Glycol, Potassium Sorbate, Fragrance (Parfum), Limonene,Citronellol, Linalool, Citral, Benzyl Benzoate, HC Blue No. 15, Basic Violet 2 (CI 42520)
	4. FIRST AID MEASURES
First aid measures	
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.
Inhalation	Not an expected route of exposure.
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.
Most important symptoms and effect	cts, both acute and delayed
Symptoms	No information available.
Indication of any immediate medica	I attention and special treatment needed
Note to physicians	Treat symptomatically.
	5. FIRE-FIGHTING MEASURES
Suitable extinguishing media	

Dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions			
Environmental precautions	See Section 12 for additional ecological information.		
Methods and material for containm	ent and cleaning up		
Methods for containment	Prevent further leakage or spillage if safe to do so.		
Methods for cleaning up	Pick up and transfer to properly labeled containers.		
	7. HANDLING AND STORAGE		
Precautions for safe handling			
Advice on safe handling	Avoid contact with eyes.		
Conditions for safe storage, includ	ing any incompatibilities		
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.		
Incompatible materials	None known based on information supplied.		
8. EXPOSURE CONTROLS/PERSONAL PROTECTION			
Control parameters_			
Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.		
Appropriate engineering controls			
Engineering Controls	None under normal use conditions.		
Individual protection measures, su	ch as personal protective equipment		
Individual protection measures, su Eye/face protection			
	ch as personal protective equipment		
Eye/face protection	ch as personal protective equipment No special technical protective measures are necessary.		

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Appearance Color	Cream/ Lotion cream purple	Odor Odor threshold	Pleasant No information available
Property pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas)	<u>Values</u> 4.5-6.0 Not Applicable No information available Not Applicable Not Applicable Not Applicable	<u>Remarks • Method</u>	

Flammability Limit in Air Upper flammability limit Lower flammability limit Vapor pressure Vapor density Specific Gravity Water solubility Viscosity	- - Not Applicable Not Applicable Not Applicable Soluble in water 6000-8000
Other Information Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable

10. STABILITY AND REACTIVITY

Reactivity_____

No data available

<u>Chemical stability</u> Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization

Hazardous polymerization does not occur.

<u>Conditions to avoid</u> None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.

No information available. STOT - single exposure STOT - repeated exposure No information available. Aspiration hazard No information available. Numerical measures of toxicity - Product Information The following values are calculated based on chapter 3.1 of the GHS document . **12. ECOLOGICAL INFORMATION** Ecotoxicity Persistence and degradability No information available. **Bioaccumulation** No information available. Other adverse effects No information available **13. DISPOSAL CONSIDERATIONS** Waste treatment methods **Disposal of wastes** Dispose of contents/containers in accordance with local regulations. Contaminated packaging Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated
ICAO (air)	Not regulated
	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories	
Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<u>CERCLA</u>

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA_	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date Revision Date Revision Note	22-Aug-2013 17-Apr-2014			
		-	t to the best of our knowled	•

at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17	-Apr-2014	Version 1
1.	PRODUCT AND COMP	PANY IDENTIFICATION	
Product identifier Product Name	CHI Chromashine Pastel-B	ue	
Other means of identification Synonyms	None		
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Prof All other uses	essional Use Only.	
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address	regulatory@farouk.com	
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300		
	2. HAZARDS ID	NTIFICATION	
Classification			
	o the safe handling and prope	ous by the OSHA Hazard Communication Stan er use of the product. This MSDS should be reta	
Label elements			
	Emergency	Overview	
Appearance cream	Physical state (Cream/ Lotion	Odor Pleasant
Hazards not otherwise classified (H Other Information No information available	NOC)_		

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition:	The complete ingredient list for the finished product(s) is as follows: Aqua/Water/Eau, Cetearyl Alcohol, Glycol Distearate, Ceteareth-20, Cetyl Alcohol, Glycerin, Behentrimonlum Chloride, Aloe Barbadensis Leaf Juice Powder, Hydrolyzed Silk, Citric Acid, Dimethicone, Dimethiconol, Amodimethicone, Cetrimonium Chloride, Trideceth-8, Polyquaternium-37, Propylene Glycol Dicaprylate/Dicaprate,PPG-1 Trideceth-6, Methylisothiazolinone, Phenoxyethanol, Sodium Benzotriazolyl Butylphenol Sulfonate,Silica, Alumina, Titanium Dioxide, Fragrance (Parfum), Benzyl Benzoate, Citral, Citronellol, Limonene, Linalool,HC Blue No. 15	
	4. FIRST AID MEASURES	
First aid measures		
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.	
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.	
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.	
Inhalation	Not an expected route of exposure.	
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.	
Most important symptoms and effe	cts, both acute and delayed	
Symptoms	No information available.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	Treat symptomatically.	
5. FIRE-FIGHTING MEASURES		
Suitable extinguishing media Dry chemical, CO2, water spray or alc	ohol-resistant foam.	

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions				
Environmental precautions See Section 12 for additional ecological information.				
Methods and material for containm	ent and cleaning up			
Methods for containment	Prevent further leakage or spillage if safe to do so.			
Methods for cleaning up	g up Pick up and transfer to properly labeled containers.			
7. HANDLING AND STORAGE				
Precautions for safe handling				
Advice on safe handling	Avoid contact with eyes.			
Conditions for safe storage, including any incompatibilities				
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.			
Incompatible materials	None known based on information supplied.			

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerol	-	TWA: 15 mg/m ³ mist, total	-
56-81-5		particulate	
		TWA: 5 mg/m ³ mist, respirable	
		fraction	
		(vacated) TWA: 10 mg/m ³ mist,	
		total particulate	
		(vacated) TWA: 5 mg/m ³ mist,	
		respirable fraction	
A supervisite an electric e a su trata	•	· · · · · · · · · · · · · · · · · · ·	

Appropriate engineering controls

 Engineering Controls
 None under normal use conditions.

 Individual protection measures, sub-as personal protective equipment

 Eye/face protection
 No special technical protective measures are necessary.

 Skin and body protection
 No special technical protective measures are necessary.

 Respiratory protection
 If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

 General Hygiene Considerations
 None under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Cream/ Lotion
Appearance	cream
Color	blue

Odor Odor threshold Pleasant No information available

Property pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit Lower flammability limit Vapor pressure Vapor density Specific Gravity Water solubility Viscosity Other Information	Values 4.5-6.0 Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable - - Not Applicable Not Applicable Not Applicable Soluble in water 4000 - 5500	<u>Remarks • Method</u>
Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable	

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardo

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-

Sodium C14-16 Olefin Sulfonate 68439-57-6	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	-
Cocamidopropyl Betaine 61789-40-0	= 4900 mg/kg(Rat)	-	-
Glycerol 56-81-5	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m³ (Rat)1 h

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium C14-16 Olefin Sulfonate 68439-57-6		1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2: 96 h Brachydanio rerio mg/L LC50 semi-static		
Cocamidopropyl Betaine 61789-40-0	1.0 - 10.0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC50	Brachydanio rerio mg/L		6.5: 48 h Daphnia magna mg/L EC50
Glycerol 56-81-5		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
ICAO (air)	Not regulated
	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Glycerol	Х	Х	Х
56-81-5			

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date Revision Date Revision Note No information available	22-Aug-2013 17-Apr-2014			
at the date of its publication	ation. The information	given is designed only	t to the best of our knowled as a guidance for safe han	

storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17-	Apr-2014	Version 1
1.	PRODUCT AND COMP	ANY IDENTIFICATION	
Product identifier Product Name	CHI Chromashine Pastel-Mi	nt	
Other means of identification Synonyms	None		
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Profe All other uses	ssional Use Only.	
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address	regulatory@farouk.com	
<u>Emergency telephone number</u> Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300		
	2. HAZARDS IDE	NTIFICATION	
<u>Classification</u>			
OSHA Regulatory Status Professional Use Only; While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.			
Label elements			
Emergency Overview			
Appearance cream	Physical state C	ream/ Lotion	Odor Pleasant
Hazards not otherwise classified (H Other Information No information available	NOC)_		

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition:	The complete ingredient list for the finished product(s) is as follows: Aqua/Water/Eau, Cetyl Alcohol, Glycol Distearate, Ceteareth-20, Cetyl Alcohol, Glycerin, Behentrimonlum Chloride,Hydrolyzed Silk, Aloe Barbadensis Leaf Juice Powder, Citric Acid, Dimethicone, Dimethiconol, Amodimethicone,Cetrimonium Chloride, Trideceth-8, Polyquaternium-37, Propylene Glycol Dicaprylate/Dicaprate,PPG-1 Trideceth-6, Methylisothiazolinone, Phenoxyethanol, Sodium Benzotriazolyl Butylphenol Sulfonate,Silica, Alumina, Titanium Dioxide, Fragrance (Parfum), Benzyl Benzoate, Citral, Citronellol, Limonene, Linalool,HC Blue No. 15, Basic Yellow 87	
	4. FIRST AID MEASURES	
First aid measures		
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.	
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.	
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.	
Inhalation	Not an expected route of exposure.	
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.	
Most important symptoms and effe	cts, both acute and delayed	
Symptoms	No information available.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	Treat symptomatically.	
5. FIRE-FIGHTING MEASURES		
<u>Suitable extinguishing media</u> Dry chemical, CO2, water spray or alcohol-resistant foam.		
Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.		

Specific hazards arising from the chemical No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions		
Environmental precautions	See Section 12 for additional ecological information.	
Methods and material for containm	ent and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.	
Methods for cleaning up	Pick up and transfer to properly labeled containers.	
7. HANDLING AND STORAGE		
Precautions for safe handling		
Advice on safe handling	Avoid contact with eyes.	
Conditions for safe storage, including any incompatibilities		
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.	
Incompatible materials	None known based on information supplied.	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable	-
TWA: 5 mg/m ³ mist, respirable	
	1
fraction	
(vacated) TWA: 10 mg/m ³ mist,	
total particulate	
(vacated) TWA: 5 mg/m ³ mist,	
respirable fraction	
	total particulate (vacated) TWA: 5 mg/m ³ mist,

Appropriate engineering controls

Engineering ControlsNone under normal use conditions.Individual protection measures, sub-as personal protective equipmentEye/face protectionNo special technical protective measures are necessary.Skin and body protectionNo special technical protective measures are necessary.Respiratory protectionIf exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved
respiratory protection should be worn. Positive-pressure supplied air respirators may be
provided in accordance with current local regulations.General Hygiene ConsiderationsNone under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Cream/ Lotion
Appearance	cream
Color	light green

Odor Odor threshold Pleasant No information available

Property pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit Lower flammability limit Vapor pressure Vapor density Specific Gravity Water solubility Viscosity	Values 4.5-6.0 Not Applicable No information available Not Applicable Not Applicable - - Not Applicable Not Applicable Not Applicable Soluble in water 5000-7000	<u>Remarks • Method</u>
Other Information		
Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable	

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardo

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)	-	-
7732-18-5			

Sodium C14-16 Olefin Sulfonate 68439-57-6	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	-
Cocamidopropyl Betaine 61789-40-0	= 4900 mg/kg(Rat)	-	-
Glycerol 56-81-5	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m³ (Rat)1 h

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium C14-16 Olefin Sulfonate 68439-57-6		1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2: 96 h Brachydanio rerio mg/L LC50 semi-static		
Cocamidopropyl Betaine 61789-40-0	1.0 - 10.0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC50	Brachydanio rerio mg/L		6.5: 48 h Daphnia magna mg/L EC50
Glycerol 56-81-5		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
ICAO (air)	Not regulated
	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Glycerol	Х	Х	Х
56-81-5			

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date Revision Date Revision Note No information available	22-Aug-2 17-Apr-2			
at the date of its publication	ation. The information	given is designed only	t to the best of our knowled as a guidance for safe han	

storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17-Apr-2014	Version 1
1.	PRODUCT AND COMPANY IDENTIFICATION	
Product identifier Product Name	CHI Chromashine Pastel - Orange	
Other means of identification Synonyms	None	
<u>Recommended use of the chemical</u> Recommended Use Uses advised against	and restrictions on use Finished Product - For Professional Use Only. All other uses	
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address regulatory@farouk.com	
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300	
	2. HAZARDS IDENTIFICATION	
Classification		
OSHA Regulatory Status Professional Use Only; While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.		
Label elements		
r	Emergency Overview	1
Appearance cream	Physical state Cream/ Lotion	Odor Pleasant
Hazards not otherwise classified (HNOC) Other Information No information available		
3. CC	OMPOSITION/INFORMATION ON INGREDIEN	TS

Composition:	The complete ingredient list for the finished product(s) is as follows:	
	Aqua/Water/Eau, Cetearyl Alcohol, Glycol Distearate, Ceteareth-20, Cetyl Alcohol, Oleic Acid, Glycerin,Propylene Glycol, Behentrimonlum Chloride, Polysorbate 60, Hydrolyzed Silk, Aloe BarbadensisLeaf Juice Powder,Acrylates/Steareth-20 Methacrylate Copolymer, Sodium Sulfite, Sodium Erythorbate, Ethanolamine,Benzophenone-3, Amodimethicone, Cetrimonium Chloride, Trideceth-8, Dimethicone, Dimethiconol,Polyacrylamide, C13-14 Isoparaffin, Laureth-7, Methylisothiazolinone, Phenoxyethanol, Silica,Alumina, Titanium Dioxide, Fragrance (Parfum), Benzyl Benzoate, Citral, Citronellol, Limonene, Linalool,2-Amino-6-Chloro-4-Nitrophenol	
	4. FIRST AID MEASURES	
First aid measures		
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.	
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.	
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.	
Inhalation	Not an expected route of exposure.	
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.	
Most important symptoms and effe	ects, both acute and delayed	
Symptoms	No information available.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	Treat symptomatically.	
5. FIRE-FIGHTING MEASURES		

Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions		
Environmental precautions	See Section 12 for additional ecological information.	
Methods and material for containm	ent and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.	
Methods for cleaning up	Pick up and transfer to properly labeled containers.	
	7. HANDLING AND STORAGE	
Precautions for safe handling		
Advice on safe handling	Avoid contact with eyes.	
Conditions for safe storage, including any incompatibilities		
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.	
Incompatible materials	None known based on information supplied.	
8. EX	POSURE CONTROLS/PERSONAL PROTECTION	
Control parameters		
Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	
Appropriate engineering controls		
Engineering Controls	None under normal use conditions.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	No special technical protective measures are necessary.	
Skin and body protection	No special technical protective measures are necessary.	
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.	
General Hygiene Considerations	None under normal use conditions.	
9. PHYSICAL AND CHEMICAL PROPERTIES		

Information on basic physical and chemical properties

Physical state	Cream/ Lotion
Appearance	cream
Color	light orange
<u>Property</u>	<u>Values</u>
pH	4.5 - 6.0
Melting point/freezing point	Not Applicable
Boiling point / boiling range	No information available
Flash point	Not Applicable
Evaporation rate	Not Applicable

Odor Odor threshold Pleasant No information available

Remarks • Method

Flammability (solid, gas) Flammability Limit in Air	Not Applicable
Upper flammability limit Lower flammability limit	-
Vapor pressure	Not Applicable
Vapor density	Not Applicable
Specific Gravity	Not Applicable
Water solubility	Soluble in water
Viscosity	5000 - 7000
Other Information	
Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity STOT - single exposure STOT - repeated exposure Aspiration hazard

No information available. No information available. No information available. No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and degradability No information available.

<u>Bioaccumulation</u> No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods	
Disposal of wastes	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated
ICAO (air)	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories	
Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
<u>NFPA</u>	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date	22-Aug-2	2013		
Revision Date	17-Apr-2	014		
Revision Note				
No information available				
Dicoloimor				

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17-Apr-2	2014	Version 1
1.	PRODUCT AND COMPAN	(IDENTIFICATION	
Product identifier Product Name	CHI Chromashine Pastel-Pink		
Other means of identification Synonyms	None		
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Profession All other uses	nal Use Only.	
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address reg	gulatory@farouk.com	
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300		
	2. HAZARDS IDENTI	FICATION	
Classification			
	the safe handling and proper use	y the OSHA Hazard Communication Stand of the product. This MSDS should be retain	
Label elements			
r	Emergency Over	view	
Appearance cream	Physical state Cream	ı/ Lotion	Odor Pleasant
Hazards not otherwise classified (H Other Information No information available	NOC)		

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition:	The complete ingredient list for the finished product(s) is as follows:
	Aqua/Water/Eau, Cetearyl Alcohol, Glycol Distearate, Cetyl Alcohol, Ceteareth-20, Oleic Acid, Glycerin, Propylene Glycol, Aloe BarbadensisLeaf Juice Powder, Acrylates/Steareth-20 Methacrylate Copolymer , Sodium Sulfite, Hydrolyzed Silk, Sodium Erythorbate , Ethanolamine, Behentrimonlum Chloride, Polysorbate 60, Benzophenone-3, Amodimethicone, Cetrimonium Chloride, Trideceth-8, Dimethicone, Dimethiconol, Polyacrylamide, C13-14 Isoparaffin , Laureth-7, Methylisothiazolinone, Phenoxyethanol, Silica, Alumina , Titanium Dioxide, Fragrance (Parfum), Benzyl Benzoate, Citral, Citronellol, Limonene, Linalool, Acid Red 92 (CI 45410)
	4. FIRST AID MEASURES
First aid measures	
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.
Inhalation	Not an expected route of exposure.
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.
Most important symptoms and effe	cts, both acute and delayed
Symptoms	No information available.
Indication of any immediate medica	I attention and special treatment needed
Note to physicians	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions		
Environmental precautions	See Section 12 for additional ecological information.	
Methods and material for containm	nent and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.	
Methods for cleaning up	Pick up and transfer to properly labeled containers.	
7. HANDLING AND STORAGE		
Precautions for safe handling		
Advice on safe handling	Avoid contact with eyes.	
Conditions for safe storage, including any incompatibilities		
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.	
Incompatible materials	None known based on information supplied.	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. **Chemical Name** ACGIH TLV **OSHA PEL NIOSH IDLH** Glycerol TWA: 15 mg/m³ mist, total -56-81-5 particulate TWA: 5 mg/m³ mist, respirable fraction (vacated) TWA: 10 mg/m³ mist, total particulate (vacated) TWA: 5 mg/m³ mist, respirable fraction

Appropriate engineering controls

Engineering Controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection	No special technical protective measures are necessary.
Skin and body protection	No special technical protective measures are necessary.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Considerations	None under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Cream/ Lotion		
Appearance	cream	Odor	Pleasant
Color	pink	Odor threshold	No information available

Property pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit Lower flammability limit Vapor pressure Vapor density Specific Gravity Water solubility Viscosity	Values 4.5-6.0 Not Applicable No information available Not Applicable Not Applicable - - Not Applicable Not Applicable Not Applicable Not Applicable Soluble in water 5000-7000	<u>Remarks • Method</u>
Other Information		
Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable	

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardo

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-

Sodium C14-16 Olefin Sulfonate 68439-57-6	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	-
Cocamidopropyl Betaine 61789-40-0	= 4900 mg/kg(Rat)	-	-
Glycerol 56-81-5	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m³ (Rat)1 h

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium C14-16 Olefin Sulfonate 68439-57-6		1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2: 96 h Brachydanio rerio mg/L LC50 semi-static		
Cocamidopropyl Betaine 61789-40-0	1.0 - 10.0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC50	Brachydanio rerio mg/L		6.5: 48 h Daphnia magna mg/L EC50
Glycerol 56-81-5		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
ICAO (air)	Not regulated
	Not regulated
IMDG_	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Glycerol	Х	Х	Х
56-81-5			

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date Revision Date Revision Note No information available	22-Aug-2 17-Apr-2			
at the date of its publication	ation. The information	given is designed only	t to the best of our knowled as a guidance for safe han	

storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17-Apr-2	2014	Version 1
1.	PRODUCT AND COMPAN	(IDENTIFICATION	
Product identifier Product Name	CHI Chromashine Pastel-Pink		
Other means of identification Synonyms	None		
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Profession All other uses	nal Use Only.	
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address reg	gulatory@farouk.com	
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300		
	2. HAZARDS IDENTI	FICATION	
Classification			
	the safe handling and proper use	y the OSHA Hazard Communication Stand of the product. This MSDS should be retain	
Label elements			
r	Emergency Over	view	
Appearance cream	Physical state Cream	ı/ Lotion	Odor Pleasant
Hazards not otherwise classified (H Other Information No information available	NOC)		

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition:	The complete ingredient list for the finished product(s) is as follows:
	Aqua/Water/Eau, Cetearyl Alcohol, Glycol Distearate, Cetyl Alcohol, Ceteareth-20, Oleic Acid, Glycerin, Propylene Glycol, Aloe BarbadensisLeaf Juice Powder, Acrylates/Steareth-20 Methacrylate Copolymer , Sodium Sulfite, Hydrolyzed Silk, Sodium Erythorbate , Ethanolamine, Behentrimonlum Chloride, Polysorbate 60, Benzophenone-3, Amodimethicone, Cetrimonium Chloride, Trideceth-8, Dimethicone, Dimethiconol, Polyacrylamide, C13-14 Isoparaffin , Laureth-7, Methylisothiazolinone, Phenoxyethanol, Silica, Alumina , Titanium Dioxide, Fragrance (Parfum), Benzyl Benzoate, Citral, Citronellol, Limonene, Linalool, Acid Red 92 (CI 45410)
	4. FIRST AID MEASURES
First aid measures	
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.
Inhalation	Not an expected route of exposure.
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.
Most important symptoms and effe	cts, both acute and delayed
Symptoms	No information available.
Indication of any immediate medica	I attention and special treatment needed
Note to physicians	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions			
Environmental precautions	See Section 12 for additional ecological information.		
Methods and material for containm	nent and cleaning up		
Methods for containment	Prevent further leakage or spillage if safe to do so.		
Methods for cleaning up	Pick up and transfer to properly labeled containers.		
7. HANDLING AND STORAGE			
Precautions for safe handling			
Advice on safe handling	Avoid contact with eyes.		
Conditions for safe storage, including any incompatibilities			
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.		
Incompatible materials	None known based on information supplied.		

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. **Chemical Name** ACGIH TLV **OSHA PEL NIOSH IDLH** Glycerol TWA: 15 mg/m³ mist, total -56-81-5 particulate TWA: 5 mg/m³ mist, respirable fraction (vacated) TWA: 10 mg/m³ mist, total particulate (vacated) TWA: 5 mg/m³ mist, respirable fraction

Appropriate engineering controls

Engineering Controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection	No special technical protective measures are necessary.
Skin and body protection	No special technical protective measures are necessary.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Considerations	None under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Cream/ Lotion		
Appearance	cream	Odor	Pleasant
Color	pink	Odor threshold	No information available

Property pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit Lower flammability limit Vapor pressure Vapor density Specific Gravity Water solubility Viscosity	Values 4.5-6.0 Not Applicable No information available Not Applicable Not Applicable - - Not Applicable Not Applicable Not Applicable Not Applicable Soluble in water 5000-7000	<u>Remarks • Method</u>
Other Information		
Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable	

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardo

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-

Sodium C14-16 Olefin Sulfonate 68439-57-6	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	-
Cocamidopropyl Betaine 61789-40-0	= 4900 mg/kg(Rat)	-	-
Glycerol 56-81-5	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m³ (Rat)1 h

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium C14-16 Olefin Sulfonate 68439-57-6		1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2: 96 h Brachydanio rerio mg/L LC50 semi-static		
Cocamidopropyl Betaine 61789-40-0	1.0 - 10.0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC50	Brachydanio rerio mg/L		6.5: 48 h Daphnia magna mg/L EC50
Glycerol 56-81-5		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
ICAO (air)	Not regulated
	Not regulated
IMDG_	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Glycerol	Х	Х	Х
56-81-5			

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date Revision Date Revision Note No information available	22-Aug-2 17-Apr-2			
<u>Disclaimer</u> The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing,				

storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 22-Aug-2013	Revision Date 17-Apr	-2014	Version 1	
1. PRODUCT AND COMPANY IDENTIFICATION				
Product identifier Product Name	CHI Chromashine Pastel - Yello	w		
Other means of identification Synonyms	None			
Recommended use of the chemical Recommended Use Uses advised against	and restrictions on use Finished Product - For Professio All other uses	onal Use Only.		
Details of the supplier of the safety Manufacturer Address Farouk Systems Inc. 250 Pennbright Drive Houston, Texas 77090 Company Phone Number 1-800-237-5	E-mail address re	egulatory@farouk.com		
Emergency telephone number Company Phone Number Emergency Telephone	1-800-237-9175 Chemtrec 1-800-424-9300			
	2. HAZARDS IDENT	IFICATION		
Classification				
OSHA Regulatory Status Professional Use Only; While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.				
Label elements				
	Emergency Ove	rview		
Appearance cream	Physical state Creat	m/ Lotion	Odor Pleasant	
Hazards not otherwise classified (HNOC) Other Information No information available				
3. Co	OMPOSITION/INFORMATI	ON ON INGREDIENTS		

Composition:	The complete ingredient list for the finished product(s) is as follows: Aqua/Water/Eau, Cetearyl Alcohol, Cetyl Alcohol, Ceteareth-20, Behentrimonlum Chloride, Oleic Acid, Glycerin, Propylene Glycol, Polysorbate 60, Hydrolyzed Silk, Aloe Barbadensis Leaf Juice Powder, Acrylates/Steareth-20, Methacrylate Copolymer , Sodium Sulfite, Sodium Erythorbate , Ethanolamine, Benzophenone-3, Amodimethicone, Cetrimonium Chloride, Trideceth-8, Dimethicone, Dimethiconol, Phenoxyethanol, Methylisothiazolinone, Silica, Alumina , Titanium Dioxide, Fragrance (Parfum), Benzyl Benzoate, Citral, Citronellol, Limonene, Linalool, HC Yellow No. 4		
	4. FIRST AID MEASURES		
First aid measures			
General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.		
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.		
Skin Contact	If skin problems occur, discontinue use. If symptoms persist, seek medical attention.		
Inhalation	Not an expected route of exposure.		
Ingestion	In case of accidental ingestion, DO NOT INDUCE VOMITING. Contact Poison Control Center or local emergency telephone number for assistance. Seek immediate medical attention.		
Most important symptoms and effe	cts, both acute and delayed		
Symptoms	No information available.		
Indication of any immediate medical attention and special treatment needed			
Note to physicians	Treat symptomatically.		
	5. FIRE-FIGHTING MEASURES		
<u>Suitable extinguishing media</u> Dry chemical, CO2, water spray or alcohol-resistant foam.			

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical No information available.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash point Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

Environmental precautions			
Environmental precautions	See Section 12 for additional ecological information.		
Methods and material for containm	ent and cleaning up		
Methods for containment	Prevent further leakage or spillage if safe to do so.		
Methods for cleaning up	Pick up and transfer to properly labeled containers.		
	7. HANDLING AND STORAGE		
Precautions for safe handling			
Advice on safe handling	Avoid contact with eyes.		
Conditions for safe storage, includ	ing any incompatibilities		
Storage Conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.		
Incompatible materials	None known based on information supplied.		
8. EXPOSURE CONTROLS/PERSONAL PROTECTION			
Control parameters_			
Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational		
Appropriate engineering controls	exposure limits established by the region specific regulatory bodies.		
Engineering Controls	None under normal use conditions.		
Individual protection measures, su	ch as personal protective equipment		
Eye/face protection	No special technical protective measures are necessary.		
Skin and body protection	No special technical protective measures are necessary.		
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.		
General Hygiene Considerations	None under normal use conditions.		

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Appearance Color	Cream/ Lotion cream yellow	Odor Odor threshold	Pleasant No information available
<u>Property</u> pH Melting point/freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas)	<u>Values</u> 4.5-6.0 Not Applicable No information available Not Applicable Not Applicable Not Applicable	<u>Remarks • Method</u>	

Flammability Limit in Air Upper flammability limit Lower flammability limit Vapor pressure Vapor density Specific Gravity Water solubility Viscosity	- Not Applicable Not Applicable Not Applicable Soluble in water 5000-7000
Other Information	
Molecular weight VOC Content (%) Density	Not Applicable Not Applicable Not Applicable

10. STABILITY AND REACTIVITY

Reactivity_____

No data available

<u>Chemical stability</u> Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization

Hazardous polymerization does not occur.

<u>Conditions to avoid</u> None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.

STOT - single exposure STOT - repeated exposure Aspiration hazard

No information available. No information available. No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and degradability No information available.

Bioaccumulation No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods	
Disposal of wastes	Dispose of contents/containers in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated
ICAO (air)	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories	
Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<u>CERCLA</u>

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION				
NFPA_	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X
Issue Date Revision Date	22-Aug-2 17-Apr-2			
Revision Note No information available Disclaimer				
The information provide		-	t to the best of our knowled	•

at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 20, 2018

Revision: March 20, 2018

1 Identification • Product identifier • Trade name: CHI Chromashine - Mellow My Yellow • Product code: 80-5390 • Recommended use and restriction on use • Recommended use: No relevant information available. • Details of the supplier of the Safety Data Sheet • Manufacturer/Supplier: • Farouk Systems, Inc. 250 Pennbright Drive + Houston, TX, 77090 (281) 876-2000 • Emergency telephone number: ChemTel Inc. (800)255-3924 (North America) +1 (813)248-0585 (International) 2 Hazard(s) identification • Classification of the substance or mixture Skin Sens. 1 H317 May cause an allergic skin reaction. • Label elements The product is classified and labeled according to the Globally Harmonized System (GHS). • Hazard statements: H317 May cause an allergic skin reaction. • Hazard statements: H317 May cause an allergic skin reaction. • Preationary statements: H317 May cause an allergic skin reaction. • Preationary statements: H317 May cause an allergic skin reaction. • Preationary statements: H3243131 f skin intrinitation or		
 Trade name: CHI Chromashine - Mellow My Yellow Product code: 80-5390 Recommended use and restriction on use Recommended use: Hair care product Restrictions on use: No relevant information available. Details of the supplier of the Safety Data Sheet Manufacturer/Supplier: Farouk Systems, Inc. 250 Pennbright Drive Houston, TX 77090 (281) 876-2000 Emergency telephone number: ChemTel Inc. (800)255-3924 (North America) +1 (813)248-0585 (International) 2 Hazard(s) identification • Classification of the substance or mixture Skin Sens. 1 H317 May cause an allergic skin reaction. • Label elements The product is classified and labeled according to the Globally Harmonized System (GHS). • Hazard pictograms: • GH807 • Signal word: Warning • Hazard statements: H317 May cause an allergic skin reaction. • Product statements: H317 May cause an allergic skin reaction. • Product is classified and labeled according to the Globally Harmonized System (GHS). • Hazard pictograms: • Official Statements: H317 May cause an allergic skin reaction. • Prezuments: P21 Avoid breathing mist/vapors/spray. P222 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves. P302+P332 If on skin: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P324+P334 If ake off contaminated clothing and wash it before reuse. P301	1 Identification	
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ChemTel Inc. (800)255-3924 (North America) +1 (813)248-0585 (International) 2 Hazard(s) identification Classification of the substance or mixture Skin Sens. 1 H317 May cause an allergic skin reaction. Label elements GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). Hazard pictograms:	Manufacturer/Supplier: Farouk Systems, Inc. 250 Pennbright Drive Houston, TX 77090	heet
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• Other hazards There are no other hazards not otherwise classified that have been identified.	· Other hazards There are no other hazards not o	therwise classified that have been identified.

3 Composition/information on ingredients

(Cont'd. on page 2)



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 20, 2018

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Trade name:	CHI Chromashin	e - Mellow	My Yellow
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(Cont'd. of page 1)

· Chemical characterization: Mixtures

•	Components:
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· components.	
68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers	<5%
Eye Dam. 1, H318 Acute Tox. 4, H302	
56-81-5 glycerol	<5%
122-99-6 2-phenoxyethanol	<1%
1 Acute Tox. 4, H302; Eye Irrit. 2A, H319	
67-63-0 propan-2-ol	<1%
Flam. Liq. 2, H225 Eye Irrit. 2A, H319; STOT SE 3, H336	
138-86-3 limonene	<0.25%
Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317	
• Additional information: For the wording of the listed Hazard Statements, refer to section 16.	

4 First-aid measures

· Description of first aid measures

- · After inhalation:
- Unlikely route of exposure.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

Seek medical treatment in case of complaints.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

- Do not induce vomiting; immediately call for medical help.
- Most important symptoms and effects, both acute and delayed:

May cause gastro-intestinal irritation if ingested. Allergic reactions

• Indication of any immediate medical attention and special treatment needed: If medical advice is needed, have product container or label at hand.

Contains limonene. May produce an allergic reaction.

5 Fire-fighting measures

· Extinguishing media

- · Suitable extinguishing agents:
- The product is not flammable.

Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: None.

(Cont'd. on page 3)

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• Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.

· Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Use personal protective equipment as required. Ensure adequate ventilation.
- Environmental precautions No special measures required.
- \cdot Methods and material for containment and cleaning up

Towel or mop up material and collect in a suitable container. For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.

Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

· Handling

- · Precautions for safe handling: Keep out of reach of children.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Requirements to be met by storerooms and receptacles:
- Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- Information about storage in one common storage facility: No special requirements.
- Specific end use(s) No relevant information available.

 Components with limit values that require monitoring at the workplace: 		
56-81-5 glyce	ol	
PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction	
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.	
EL (Canada)	Long-term value: 10* 3** mg/m ³ *mist; **mist, respirable	
EV (Canada)	Long-term value: 10 mg/m ³	





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Trade name: CHI Chromashine - Mellow My Yellow

LIVIPE (IVIEXICO)	Long-term value: 10 mg/m ³	f pag
122-99-6 2-phe		
EV (Canada)	Long-term value: 141 mg/m³, 25 ppm Skin	
67-63-0 propan	-2-ol	
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm	
REL (USA)	Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm	
TLV (USA)	Short-term value: 984 mg/m³, 400 ppm Long-term value: 492 mg/m³, 200 ppm BEI	
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
LMPE (Mexico)	Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE	
138-86-3 limon	e	
WEEL (USA)	Long-term value: 30 ppm	
Ingredients wit	h biological limit values:	
67-63-0 propan	-2-ol	
Time	ng/L ium: urine e: end of shift at end of workweek imeter: Acetone (background, nonspecific)	
Exposure con	trols	
General protect The usual protect Keep away from Wash hands bed Engineering co Breathing equi Protection of h Not required und Wear protective	tive and hygienic measures: utionary measures for handling chemicals should be followed. foodstuffs, beverages and feed. fore breaks and at the end of work. ntrols: No relevant information available. pment: Not required under normal conditions of use.	
• Eye protection: • Body protectio	 Follow relevant national guidelines concerning the use of protective eyewear. n: Not required under normal conditions of use. d supervision of exposure into the environment No special requirements. 	

9 Physical and chemical properties

(Cont'd. on page 5)



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Trade name: CHI Chromashine - Mellow My Yellow

		(Cont'd. of page 4
· Information on basic physical a	and chemical properties	
· Appearance:		
Form:	Cream.	
Color:	Yellow	
· Odor: · Odor threshold:	Pleasant Not determined.	
· pH-value at 25 °C (77 °F):	4.0-5.0	
• Melting point/Melting range:	Not determined.	
· Boiling point/Boiling range:	Not determined.	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
· Auto-ignition temperature:	Not determined.	
· Decomposition temperature:	Not determined.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits		
Lower:	Not determined.	
Upper:	Not determined.	
· Oxidizing properties:	Non-oxidizing.	
· Vapor pressure:	Not determined.	
· Density:		
Relative density:	0.99-1.01	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
 Solubility in / Miscibility with 		
Water:	Fully miscible.	
\cdot Partition coefficient (n-octanol/wa	ter): Not determined.	
· Viscosity		
Dynamic at 25 °C (77 °F):	4000-6000 cps (DV-I, Sp#6, 100RPM, 30sec)	
Kinematic:	Not determined.	
 Other information 	No relevant information available.	

10 Stability and reactivity

- · Reactivity: No relevant information available.
- Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions
 Reacts with strong oxidizing agents.
 Reacts with strong alkali.
 Toxic fumes may be released if heated above the decomposition point.

|

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Trade name:	CHI	Chromashine -	· Mellow	Мy	Yellow
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(Cont'd. of page 5)

2B

· Conditions to avoid Excessive heat.

· Incompatible materials No relevant information available.

Hazardous decomposition products

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11 Toxicological information

Information on toxicological effects

· Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

Oral LD50 1,260 mg/kg (rat)

· Primary irritant effect:

- · On the skin: Based on available data, the classification criteria are not met.
- On the eye: Based on available data, the classification criteria are not met.

· Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

- Contains limonene. May produce an allergic reaction.
- IARC (International Agency for Research on Cancer): Present in trace quantities.

13463-67-7 titanium dioxide

· NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

· Probable route(s) of exposure:

Ingestion.

Eye contact.

Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- \cdot STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

· Toxicity

Aquatic toxicity

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

LC50 0.5 mg/l (zebra fish)

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Trade name: CHI Chromashine - Mellow My Yellow

(Cont'd. of page 6)

- · Persistence and degradability No relevant information available.
- · Bioaccumulative potential: No relevant information available.
- \cdot Mobility in soil: No relevant information available.
- · Additional ecological information
- · General notes:

Negative ecological effects are, according to the current state of knowledge, not expected.

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· Uncleaned packagings

• **Recommendation:** Disposal must be made according to official regulations.

UN-Number		
DOT, ADR, IMDG, IATA	Not regulated.	
UN proper shipping name DOT, ADR, IMDG, IATA	Not regulated.	
Transport hazard class(es)		
DOT, ADR, IMDG, IATA		
Class	Not regulated.	
Packing group		
DOT, ADR, IMDG, IATA	Not regulated.	
Environmental hazards		
Marine pollutant:	No	
Special precautions for user	Not applicable.	
Transport in bulk according to Annex	c II of	
MARPOL73/78 and the IBC Code	Not applicable.	

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15 Regulatory information

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Trade name: CHI Chromashine - Mellow My Yellow

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Cofoty, ha	
	ealth and environmental regulations/legislation specific for the substance of
mixture · United Stat	
· SARA	
· Section 302	2 (extremely hazardous substances):
None of the	ingredients are listed.
· Section 355	5 (extremely hazardous substances):
None of the	ingredients are listed.
	3 (Specific toxic chemical listings):
None of the	ingredients are listed.
•	c Substances Control Act)
•	nts are listed.
	n 65 (California)
	known to cause cancer:
	o titanium dioxide is based on unbound respirable particles and is not generally applicable
product as s	
13463-67-7	titanium dioxide
	known to cause reproductive toxicity for females:
None of the	ingredients are listed.
· Chemicals	known to cause reproductive toxicity for males:
None of the	ingredients are listed.
	known to cause developmental toxicity:
None of the	ingredients are listed.
· EPA (Envir	onmental Protection Agency):
	ingredients are listed.
	national Agency for Research on Cancer):
	ace quantities.
	titanium dioxide 2
	National Institute for Occupational Safety and Health):
	ace quantities.
	Silica, fused
13463-67-7	titanium dioxide
· Canadian D	Domestic Substances List (DSL):
All ingredier	nts are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of preparation / last revision March 20, 2018 / -

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Printing date: March 20, 2018

Revision: March 20, 2018

Trade name: CHI Chromashine - Mellow My Yellow (Cont'd. of page 8) Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistant, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Sources Website, European Chemicals Agency (echa.europa.eu) Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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1 Identific	ation
· Product	identifier
	ne: <u>CHI Chromashine - Orange You Obsessed</u> code: 80-5391
· Recomme	ended use and restriction on use ended use: Hair care product ons on use: No relevant information available.
 Manufact Farouk Sy 	
ChemTel (800)255-3	cy telephone number: Inc. 3924 (North America) 48-0585 (International)
2 Hozard/	s) identification
•	,
	ation of the substance or mixture
Skin Sens	. 1 H317 May cause an allergic skin reaction.
 Label ele GHS labe The prodution Hazard pi 	l elements oct is classified and labeled according to the Globally Harmonized System (GHS).
$\langle \rangle$	
GHS07	
0.1007	
 Signal wo Hazard st H317 May 	cause an allergic skin reaction.
 Signal wo Hazard st H317 May Precautio 	atements: [•] cause an allergic skin reaction. nary statements:
 Signal wo Hazard st H317 May Precaution P261 P272 	atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.
 Signal wo Hazard st H317 May Precaution P261 P272 P280 	atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
 Signal wo Hazard st H317 May Precautio P261 P272 P280 P302+P35 	atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.
 Signal wo Hazard st H317 May Precautio P261 P272 P280 P302+P35 P333+P31 	atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. 52 If on skin: Wash with plenty of water.

3 Composition/information on ingredients



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Orange	You	Obsessed
	Orange	Orange You

(Cont'd. of page 1)

Chemical characterization: Mixtures

•	Components:	

68439-49-6	Polyethylene glycol 1100 mono(C16-C18) ethers	<5%
	Eye Dam. 1, H318 Acute Tox. 4, H302	
	🚯 Acute Tox. 4, H302	
56-81-5	glycerol	<5%
122-99-6	2-phenoxyethanol	<1%
	1 Acute Tox. 4, H302; Eye Irrit. 2A, H319	
67-63-0	propan-2-ol	<1%
	🚸 Flam. Liq. 2, H225	
	V Eye Irrit. 2A, H319; STOT SE 3, H336	
138-86-3	limonene	<0.25%
	 Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317 	
	🚯 Skin Irrit. 2, H315; Skin Sens. 1, H317	
97404-02-9	Basic Orange 31	<0.25%
	🔶 Eye Dam. 1, H318	
	🚯 Acute Tox. 4, H302; Skin Sens. 1, H317	
· Additional i	nformation: For the wording of the listed Hazard Statements, refer to section 16.	•

4 First-aid measures

· Description of first aid measures

· After inhalation:

Unlikely route of exposure.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

Seek medical treatment in case of complaints.

- After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.
 Most important symptoms and effects, both acute and delayed:
- May cause gastro-intestinal irritation if ingested. Allergic reactions

· Indication of any immediate medical attention and special treatment needed:

If medical advice is needed, have product container or label at hand.

Contains limonene, Basic Orange 31. May produce an allergic reaction.

5 Fire-fighting measures

- · Extinguishing media
- \cdot Suitable extinguishing agents:

(Cont'd. on page 3)



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Trade name: CHI Chromashine - Orange You Obsessed

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The product is not flammable. Use fire fighting measures that suit the environment.

- For safety reasons unsuitable extinguishing agents: None.
 Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
- · Advice for firefighters
- · Protective equipment:

Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Use personal protective equipment as required. Ensure adequate ventilation.
- Environmental precautions No special measures required.
- Methods and material for containment and cleaning up Towel or mop up material and collect in a suitable container.

For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.

• **Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7 Handling and storage

- · Handling
- Precautions for safe handling: Keep out of reach of children.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- **Requirements to be met by storerooms and receptacles:** Store in cool, dry conditions in well sealed receptacles.
- Information about storage in one common storage facility: No special requirements.
- · Specific end use(s) No relevant information available.

8 Exposure controls/personal protection

· Control parameters

· Components	with limit values that require monitoring at the workplace:
56-81-5 glyce	erol
PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.
	(Cont'd. on page 4)





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(Cont'd. of page 3) EL (Canada) Long-term value: 10* 3** mg/m³ *mist; **mist, respirable Long-term value: 10 mg/m³ EV (Canada) LMPE (Mexico) Long-term value: 10 mg/m³ 122-99-6 2-phenoxyethanol EV (Canada) Long-term value: 141 mg/m³, 25 ppm Skin 67-63-0 propan-2-ol PEL (USA) Long-term value: 980 mg/m³, 400 ppm REL (USA) Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm Short-term value: 984 mg/m³, 400 ppm TLV (USA) Long-term value: 492 mg/m³, 200 ppm BEI Short-term value: 400 ppm EL (Canada) Long-term value: 200 ppm EV (Canada) Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 400 ppm LMPE (Mexico) Long-term value: 200 ppm A4, ĪBE 138-86-3 limonene WEEL (USA) Long-term value: 30 ppm · Ingredients with biological limit values: 67-63-0 propan-2-ol BEI (USA) 40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific) · Exposure controls · General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. • Engineering controls: No relevant information available. · Breathing equipment: Not required under normal conditions of use. · Protection of hands: Not required under normal conditions of use. Wear protective gloves to handle contents of damaged or leaking units. Gloves are advised for repeated or prolonged contact. • Eye protection: Follow relevant national guidelines concerning the use of protective eyewear. · Body protection: Not required under normal conditions of use. · Limitation and supervision of exposure into the environment No special requirements. · Risk management measures No special requirements.

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9 Physical and chemical prope	erties	
· Information on basic physical a	and chemical properties	
· Appearance:		
Form:	Cream.	
Color:	Orange	
· Odor:	Pleasant	
· Odor threshold:	Not determined.	
· pH-value at 25 °C (77 °F):	4.0-5.0	
Melting point/Melting range:	Not determined.	
 Boiling point/Boiling range: 	Not determined.	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
· Auto-ignition temperature:	Not determined.	
· Decomposition temperature:	Not determined.	
· Danger of explosion:	Product does not present an explosion hazard.	
 Explosion limits 		
Lower:	Not determined.	
Upper:	Not determined.	
 Oxidizing properties: 	Non-oxidizing.	
· Vapor pressure:	Not determined.	
· Density:		
Relative density:	0.99-1.01	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
 Solubility in / Miscibility with 		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wat	er): Not determined.	
· Viscosity		
Dynamic at 25 °C (77 °F):	4000-6000 cps (DV-I, Sp#6, 100RPM, 30sec)	
Kinematic:	Not determined.	
 Other information 	No relevant information available.	

10 Stability and reactivity

· Reactivity: No relevant information available.

· Chemical stability: Stable under normal temperatures and pressures.

• Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

· Possibility of hazardous reactions

Reacts with strong oxidizing agents.

Reacts with strong alkali.



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Toxic fumes may be released if heated above the decomposition point.

· Conditions to avoid Excessive heat.

· Incompatible materials No relevant information available.

Hazardous decomposition products

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11 Toxicological information

· Information on toxicological effects

• Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

Oral LD50 1,260 mg/kg (rat)

- Primary irritant effect:
- · On the skin: Based on available data, the classification criteria are not met.
- On the eye: Based on available data, the classification criteria are not met.
- Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

Contains limonene, Basic Orange 31. May produce an allergic reaction.

• IARC (International Agency for Research on Cancer): Present in trace quantities.

13463-67-7 titanium dioxide

2B

• NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

- · Probable route(s) of exposure:
- Ingestion.

Eye contact.

Skin contact.

- · Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- · Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

· Toxicity

· Aquatic toxicity

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

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LC50 0.5 mg/l (zebra fish)

· Persistence and degradability No relevant information available.

· Bioaccumulative potential: No relevant information available.

• Mobility in soil: No relevant information available.

· Additional ecological information

· General notes:

Negative ecological effects are, according to the current state of knowledge, not expected.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· Uncleaned packagings

• Recommendation: Disposal must be made according to official regulations.

Transport information		
· DOT, ADR, IMDG, IATA	Not regulated.	
 UN proper shipping name DOT, ADR, IMDG, IATA 	Not regulated.	
 Transport hazard class(es) 		
· DOT, ADR, IMDG, IATA		
·Class	Not regulated.	
· Packing group		
· DOT, ADR, IMDG, IATA	Not regulated.	
· Environmental hazards		
· Marine pollutant:	No	
· Special precautions for user	Not applicable.	
· Transport in bulk according to Annex	II of	
MARPOL73/78 and the IBC Code	Not applicable.	

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Sofoty be	which and any ironmontal regulations/logislation specific for the substance
· Salety, ne mixture	ealth and environmental regulations/legislation specific for the substance
· United Stat	es (USA)
· SARA	
	2 (extremely hazardous substances):
None of the	ingredients are listed.
	5 (extremely hazardous substances):
None of the	ingredients are listed.
	3 (Specific toxic chemical listings):
None of the	ingredients are listed.
· TSCA (Tox	ic Substances Control Act)
•	nts are listed.
• Chemicals Reference t product as s	
13463-67-7	titanium dioxide
	known to cause reproductive toxicity for females:
None of the	ingredients are listed.
	known to cause reproductive toxicity for males:
None of the	ingredients are listed.
· Chemicals	known to cause developmental toxicity:
None of the	ingredients are listed.
· EPA (Envir	onmental Protection Agency):
	ingredients are listed.
Present in ti	national Agency for Research on Cancer): race quantities.
	titanium dioxide 2
NIOSH-Ca Present in tr	(National Institute for Occupational Safety and Health): race quantities.
	titanium dioxide
	Silica, fused
· Canadian [Domestic Substances List (DSL):
	nts are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Date of preparation / last revision March 20, 2018 / -



15 Regulatory information



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Trade name: CHI Chromashine - Orange You Obsessed
(Cont'd. of page 8)
 Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal concentration, 50 percent DD50: Lethal concentration, 50 percent DD50: Lethal concentration, 50 percent DD50: Lethal dose, 50 percent VPVB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids – Category 2 Flam. Lig. 2: Flammable liquids – Category 4 Skin Intrit. 2: Skin corrosion/irritation – Category 1 Eye Dam. 1: Serious eve damage/eye irritation – Category 1 Eye Irrit. 2A: Serious eve damage/eye irritation – Category 2A Skin Sens. 1: Skin sensitisation – Category 1 StoT SE 3: Specific target organ toxicity (single exposure) – Category 3 Sources Website, European Chemicals Agency (echa.europa.eu) Website, Chemical Abstracts Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-0470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Cur
SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com



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	ation
· Product	identifier
	ne: <u>CHI Chromashine - Viva Violet</u> :ode: 80-5392
·Recomme	ended use and restriction on use ended use: Hair care product ons on use: No relevant information available.
· Manufact Farouk Sy	
ChemTel (800)255-3	cy telephone number: Inc. 3924 (North America) 48-0585 (International)
	s) identification
· Classific	ation of the substance or mixture
	. 1 H317 May cause an allergic skin reaction.
Skin Sens · Label ele · GHS labe	. 1 H317 May cause an allergic skin reaction. ements I elements ict is classified and labeled according to the Globally Harmonized System (GHS).
Skin Sens • Label ele • GHS labe The produ	. 1 H317 May cause an allergic skin reaction. ements I elements ict is classified and labeled according to the Globally Harmonized System (GHS).
Skin Sens • Label ele • GHS labe The produ	. 1 H317 May cause an allergic skin reaction. ements I elements ict is classified and labeled according to the Globally Harmonized System (GHS).
Skin Sens • Label ele • GHS labe The produ • Hazard pi GHS07 • Signal wo • Hazard st H317 May	. 1 H317 May cause an allergic skin reaction. ements I elements ict is classified and labeled according to the Globally Harmonized System (GHS). ctograms: ord: Warning atements: cause an allergic skin reaction.
Skin Sens • Label ele • GHS labe The produ • Hazard pi GHS07 • Signal wo • Hazard st H317 May • Precautio P261	. 1 H317 May cause an allergic skin reaction. ements I elements ict is classified and labeled according to the Globally Harmonized System (GHS). ctograms: ord: Warning atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray.
Skin Sens • Label ele • GHS labe The produ • Hazard pi GHS07 • Signal wo • Hazard st H317 May • Precautio P261 P272	 1 H317 May cause an allergic skin reaction. ements I elements Ict is classified and labeled according to the Globally Harmonized System (GHS). ctograms: ord: Warning atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.
Skin Sens • Label ele • GHS labe The produ • Hazard pi GHS07 • Signal wo • Hazard st H317 May • Precautio P261 P272 P280	 1 H317 May cause an allergic skin reaction. ements I elements ict is classified and labeled according to the Globally Harmonized System (GHS). ctograms: ord: Warning atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
Skin Sens • Label ele • GHS labe The produ • Hazard pi GHS07 • Signal wo • Hazard st H317 May • Precautio P261 P272 P280 P302+P35	 1 H317 May cause an allergic skin reaction. ements I elements Ict is classified and labeled according to the Globally Harmonized System (GHS). ctograms: ord: Warning atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.
Skin Sens • Label ele • GHS labe The produ • Hazard pi GHS07 • Signal wo • Hazard st H317 May • Precautio P261 P272 P280 P302+P35 P333+P31	 1 H317 May cause an allergic skin reaction. ements I elements Ict is classified and labeled according to the Globally Harmonized System (GHS). ctograms: ord: Warning atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. 52 If on skin: Wash with plenty of water.

3 Composition/information on ingredients

(Cont'd. on page 2)



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Trade name: CHI Chromashine - Viva Violet

(Cont'd. of page 1)

· Chemical characterization: Mixtures

 Components:

68439-49-6	Polyethylene glycol 1100 mono(C16-C18) ethers	<5%
	Eye Dam. 1, H318 Acute Tox. 4, H302	
	O Acute Tox. 4, H302	
56-81-5	glycerol	<5%
122-99-6	2-phenoxyethanol	<1%
	🚸 Acute Tox. 4, H302; Eye Irrit. 2A, H319	
67-63-0	propan-2-ol	<1%
	Flam. Liq. 2, H225 Eye Irrit. 2A, H319; STOT SE 3, H336	
138-86-3	limonene	<0.25%
	 Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317 	
· Additional i	information: For the wording of the listed Hazard Statements, refer to section 16.	

4 First-aid measures

· Description of first aid measures

· After inhalation:

Unlikely route of exposure.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

Seek medical treatment in case of complaints.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

- Do not induce vomiting; immediately call for medical help.
- Most important symptoms and effects, both acute and delayed:

May cause gastro-intestinal irritation if ingested. Allergic reactions

• Indication of any immediate medical attention and special treatment needed: If medical advice is needed, have product container or label at hand.

Contains limonene. May produce an allergic reaction.

5 Fire-fighting measures

· Extinguishing media

- · Suitable extinguishing agents:
- The product is not flammable.

Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: None.

(Cont'd. on page 3)



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Trade name: CHI Chromashine - Viva Violet

(Cont'd. of page 2)

- Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
- · Advice for firefighters
- · Protective equipment:
- Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Use personal protective equipment as required. Ensure adequate ventilation.
- Environmental precautions No special measures required.
- · Methods and material for containment and cleaning up

Towel or mop up material and collect in a suitable container. For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.

Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

· Handling

- · Precautions for safe handling: Keep out of reach of children.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Requirements to be met by storerooms and receptacles:
- Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- Information about storage in one common storage facility: No special requirements.
- Specific end use(s) No relevant information available.

· Components with limit values that require monitoring at the workplace:					
56-81-5 glycerol					
PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction				
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.				
EL (Canada)	Long-term value: 10* 3** mg/m ³ *mist; **mist, respirable				
EV (Canada)	Long-term value: 10 mg/m ³				



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		d. of page 3
122-99-6 2-phe	Long-term value: 10 mg/m ³	
EV (Canada)	Long-term value: 141 mg/m ³ , 25 ppm	
	Skin	
67-63-0 propar		
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm	
REL (USA)	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm	
TLV (USA)	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI	
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
LMPE (Mexico)	Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE	
138-86-3 limon	ene	
WEEL (USA)	Long-term value: 30 ppm	
· Ingredients wit	h biological limit values:	
67-63-0 propar	-2-ol	
BEI (USA) 40 r	ng/L lium: urine	
Tim	e: end of shift at end of workweek ameter: Acetone (background, nonspecific)	
· Exposure cor	ntrols	
The usual preca Keep away from Wash hands be • Engineering co • Breathing equi	tive and hygienic measures: autionary measures for handling chemicals should be followed. a foodstuffs, beverages and feed. fore breaks and at the end of work. ontrols: No relevant information available. pment: Not required under normal conditions of use.	
Wear protective Gloves are advi	der normal conditions of use. gloves to handle contents of damaged or leaking units. sed for repeated or prolonged contact.	
· Body protectio	 Follow relevant national guidelines concerning the use of protective eyewear. n: Not required under normal conditions of use. d supervision of exposure into the environment No special requiremen 	ts.
	ment measures No special requirements.	

9 Physical and chemical properties

(Cont'd. on page 5)



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Trade name: CHI Chromashine - Viva Violet

		(Cont'd. of page
· Information on basic physical a	and chemical properties	
· Appearance:		
Form:	Cream.	
Color:	Violet	
· Odor:	Pleasant	
· Odor threshold:	Not determined.	
· pH-value at 25 °C (77 °F):	4.0-5.0	
 Melting point/Melting range: 	Not determined.	
· Boiling point/Boiling range:	Not determined.	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
· Auto-ignition temperature:	Not determined.	
· Decomposition temperature:	Not determined.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits		
Lower:	Not determined.	
Upper:	Not determined.	
 Oxidizing properties: 	Non-oxidizing.	
· Vapor pressure:	Not determined.	
· Density:		
Relative density:	0.99-1.01	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
\cdot Solubility in / Miscibility with		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wa	ter): Not determined.	
· Viscosity		
Dynamic at 25 °C (77 °F):	5000-7000 cps (DV-I, Sp#6, 100RPM, 30sec)	
Kinematic:	Not determined.	
 Other information 	No relevant information available.	

10 Stability and reactivity

- · Reactivity: No relevant information available.
- Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions
 Reacts with strong oxidizing agents.
 Reacts with strong alkali.
 Toxic fumes may be released if heated above the decomposition point.

(Cont'd. on page 6)

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Trade name: CHI Chromashine - Viva Violet

(Cont'd. of page 5)

2B

· Conditions to avoid Excessive heat.

· Incompatible materials No relevant information available.

· Hazardous decomposition products

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11 Toxicological information

Information on toxicological effects

· Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

Oral LD50 1,260 mg/kg (rat)

· Primary irritant effect:

- · On the skin: Based on available data, the classification criteria are not met.
- On the eye: Based on available data, the classification criteria are not met.

· Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

- Contains limonene. May produce an allergic reaction.
- IARC (International Agency for Research on Cancer): Present in trace quantities.

13463-67-7 titanium dioxide

• NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

· Probable route(s) of exposure:

Ingestion.

Eye contact.

Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

· Toxicity

Aquatic toxicity

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

LC50 0.5 mg/l (zebra fish)

(Cont'd. on page 7)





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Trade name: CHI Chromashine - Viva Violet

(Cont'd. of page 6)

- · Persistence and degradability No relevant information available.
- · Bioaccumulative potential: No relevant information available.
- \cdot Mobility in soil: No relevant information available.
- · Additional ecological information
- · General notes:

Negative ecological effects are, according to the current state of knowledge, not expected.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· Uncleaned packagings

• Recommendation: Disposal must be made according to official regulations.

14 Transport information		
· UN-Number · DOT, ADR, IMDG, IATA	Not regulated.	
 · UN proper shipping name · DOT, ADR, IMDG, IATA 	Not regulated.	
· Transport hazard class(es)		
· DOT, ADR, IMDG, IATA · Class	Not regulated.	
 Packing group DOT, ADR, IMDG, IATA 	Not regulated.	
 Environmental hazards Marine pollutant: 	No	
· Special precautions for user	Not applicable.	
 Transport in bulk according to Annex MARPOL73/78 and the IBC Code 	t II of Not applicable.	

(Cont'd. on page 8)



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 20, 2018

15 Regulatory information

Revision: March 20, 2018

Trade name: CHI Chromashine - Viva Violet

(Cont'd. of page 7)

15 Regulatory	mormation
 Safety, healt mixture United States SARA 	th and environmental regulations/legislation specific for the substance or (USA)
· Section 302 (e	extremely hazardous substances):
None of the ing	predients are listed.
•	extremely hazardous substances):
None of the ing	predients are listed.
· Section 313 (S	Specific toxic chemical listings):
None of the ing	predients are listed.
· TSCA (Toxic S	Substances Control Act)
All ingredients	
Reference to ti product as sup	own to cause cancer: itanium dioxide is based on unbound respirable particles and is not generally applicable to plied.
13463-67-7 tita	anium dioxide
	own to cause reproductive toxicity for females:
None of the ing	predients are listed.
	own to cause reproductive toxicity for males:
None of the ing	predients are listed.
	own to cause developmental toxicity:
None of the ing	predients are listed.
•	mental Protection Agency):
-	predients are listed.
Present in trace	
13463-67-7 tita	
 NIOSH-Ca (Na Present in trace 	tional Institute for Occupational Safety and Health): e quantities.
13463-67-7 tita	
60676-86-0 Si	lica, fused
Canadian Don	nestic Substances List (DSL):
All ingredients	are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Date of preparation / last revision March 20, 2018 / -



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 20, 2018 Revision: March 20, 2018 Trade name: CHI Chromashine - Viva Violet (Cont'd. of page 8) Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistant, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Sources Website, European Chemicals Agency (echa.europa.eu) Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com



Printing date: March 20, 2018

Revision: March 20, 2018

1 Identific	ation
· Product	identifier
	me: <u>CHI Chromashine - Out of The Blue</u> :ode: 80-5393
· Recomm	ended use and restriction on use ended use: Hair care product ons on use: No relevant information available.
 Manufact Farouk Sy 250 Penn 	of the supplier of the Safety Data Sheet urer/Supplier: /stems, Inc. bright Drive TX 77090 -2000
ChemTel (800)255-	cy telephone number: Inc. 3924 (North America) 48-0585 (International)
2 Hazard	s) identification
· Classific	ation of the substance or mixture
 Classific Skin Sens Label ele GHS labe The product 	ation of the substance or mixture 1 H317 May cause an allergic skin reaction.
 Classific Skin Sens Label ele GHS labe The product 	ation of the substance or mixture a. 1 H317 May cause an allergic skin reaction. ements I elements ict is classified and labeled according to the Globally Harmonized System (GHS).
 Classific Skin Sens Label eld GHS labe The prodution Hazard p GHS07 Signal weiter Hazard start 	exation of the substance or mixture a. 1 H317 May cause an allergic skin reaction. Example 3 I elements I elements I classified and labeled according to the Globally Harmonized System (GHS). I ctograms: prd: Warning matements:
 Classific Skin Sens Label eld GHS labe The produ Hazard p GHS07 Signal we Hazard si H317 May 	 ation of the substance or mixture a. 1 H317 May cause an allergic skin reaction. aments al elements al elements act is classified and labeled according to the Globally Harmonized System (GHS). brd: Warning atements: acause an allergic skin reaction. brary statements:
 Classific Skin Sens Label eld GHS label The produtering Hazard p GHS07 Signal weight Hazard si H317 May Precaution P261 	 ation of the substance or mixture a. 1 H317 May cause an allergic skin reaction. aments al elements act is classified and labeled according to the Globally Harmonized System (GHS). brd: Warning atements: cause an allergic skin reaction. brary statements: Avoid breathing mist/vapors/spray.
 Classific Skin Sens Label eld GHS label The produ Hazard p GHS07 Signal we Hazard si H317 May Precautio 	 ation of the substance or mixture 1 H317 May cause an allergic skin reaction. aments I elements I elements ict is classified and labeled according to the Globally Harmonized System (GHS). brd: Warning cause an allergic skin reaction. pray statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.
 Classific Skin Sens Label eld GHS labe The produ Hazard p GHS07 Signal we Hazard si H317 May Precaution P261 P272 P280 P302+P33 	 ation of the substance or mixture a. 1 H317 May cause an allergic skin reaction. aments al elements act is classified and labeled according to the Globally Harmonized System (GHS). actograms: brd: Warning brd: Warning brd: warning brd: warning brd: warning cause an allergic skin reaction. bray statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. bray protective gloves. bray is a with plenty of water.
 Classific Skin Sens Label eld GHS labe The produtering Hazard p GHS07 Signal weither Hazard statistics Precaution P261 P272 P280 P302+P33 P333+P3 	 ation of the substance or mixture 1 H317 May cause an allergic skin reaction. aments a elements a telements act is classified and labeled according to the Globally Harmonized System (GHS). actograms: ord: Warning cause an allergic skin reaction. onary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. I f on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
 Classific Skin Sens Label eld GHS labe The prodution Hazard p GHS07 Signal weiter Hazard state H317 May Precaution P261 P272 P280 P302+P33 P362+P30 P501 	 ation of the substance or mixture a. 1 H317 May cause an allergic skin reaction. aments al elements al elements act is classified and labeled according to the Globally Harmonized System (GHS). brd: Warning cause an allergic skin reaction. onary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. 52 If on skin: Wash with plenty of water.

(Cont'd. on page 2)



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Trade name: CHI Chromashine - Out of The Blue

(Cont'd. of page 1)

Componen	ts:	
68439-49-6	Polyethylene glycol 1100 mono(C16-C18) ethers Eye Dam. 1, H318 Acute Tox. 4, H302	<5%
56-81-5	glycerol	<5%
122-99-6	2-phenoxyethanol	<19
67-63-0	propan-2-ol Flam. Liq. 2, H225 Eye Irrit. 2A, H319; STOT SE 3, H336	<0.25
138-86-3	limonene Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317	<0.25
74578-10-2	HC Blue No. 15 STOT RE 2, H373 Eye Dam. 1, H318	<0.25

4 First-aid measures

· Description of first aid measures

· After inhalation:

Unlikely route of exposure.

- Supply fresh air; consult doctor in case of complaints.
- · After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

Seek medical treatment in case of complaints.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

- Most important symptoms and effects, both acute and delayed: May cause gastro-intestinal irritation if ingested.
 Allergic reactions
 Indication of any immediate medical attention and special treatment needed:
- If medical advice is needed, have product container or label at hand. Contains limonene. May produce an allergic reaction.

5 Fire-fighting measures

(Cont'd. on page 3)



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Trade name: CHI Chromashine - Out of The Blue

(Cont'd. of page 2)

Extinguishing media
Suitable extinguishing agents: The product is not flammable. Use fire fighting measures that suit the environment.
For safety reasons unsuitable extinguishing agents: None.
Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

- · Advice for firefighters
- **Protective equipment:** Wear self-contained respiratory protective device.
- Wear fully protective suit.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Use personal protective equipment as required. Ensure adequate ventilation.
- · Environmental precautions Avoid release to the environment.
- **Methods and material for containment and cleaning up** Towel or mop up material and collect in a suitable container. For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.
- **Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7 Handling and storage

- · Handling
- Precautions for safe handling: Keep out of reach of children.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- **Requirements to be met by storerooms and receptacles:** Store in cool, dry conditions in well sealed receptacles.
- Information about storage in one common storage facility: No special requirements.
- · Specific end use(s) No relevant information available.

8 Exposure controls/personal protection

· Control parameters

· Components with limit values that require monitoring at the workplace:

56-81-5 glycerol

PEL (USA) Long-term value: 15* 5** mg/m³

(Cont'd. on page 4)





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	(Cont'd. of page 3) mist; *total dust **respirable fraction
	TLV withdrawn-insufficient data human occup. exp.
TLV (USA)	
EL (Canada)	Long-term value: 10* 3** mg/m ³ *mist; **mist, respirable
EV (Canada)	Long-term value: 10 mg/m ³
LMPE (Mexico)	Long-term value: 10 mg/m ³
122-99-6 2-phe	noxyethanol
EV (Canada)	Long-term value: 141 mg/m³, 25 ppm Skin
67-63-0 propan	-2-ol
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm
REL (USA)	Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm
TLV (USA)	Short-term value: 984 mg/m³, 400 ppm Long-term value: 492 mg/m³, 200 ppm BEI
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm
LMPE (Mexico)	Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE
138-86-3 limon	ene
WEEL (USA)	Long-term value: 30 ppm
· Ingredients wit	h biological limit values:
67-63-0 propan	i-2-ol
Time	ng/L lium: urine e: end of shift at end of workweek ameter: Acetone (background, nonspecific)
Faid	
The usual preca Keep away from Wash hands be • Engineering co • Breathing equi • Protection of h Not required und Wear protective Gloves are advis • Eye protection • Body protectio	tive and hygienic measures: autionary measures for handling chemicals should be followed. a foodstuffs, beverages and feed. fore breaks and at the end of work. controls: No relevant information available. pment: Not required under normal conditions of use.
tation un	(Cont'd. on page 5)

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· Risk management measures No special requirements.

9 Physical and chemical properties

· Information on basic physical and	d chemical properties
· Appearance:	
Form:	Cream.
Color:	Blue
· Odor:	Pleasant
· Odor threshold:	Not determined.
· pH-value at 25 °C (77 °F):	4.0-5.0
· Melting point/Melting range:	Not determined.
 Boiling point/Boiling range: 	Not determined.
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not applicable.
· Auto-ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Danger of explosion:	Product does not present an explosion hazard.
 Explosion limits 	
Lower:	Not determined.
Upper:	Not determined.
· Oxidizing properties:	Non-oxidizing.
· Vapor pressure:	Not determined.
· Density:	
Relative density:	0.99-1.01
Vapor density:	Not determined.
Evaporation rate:	Not determined.
 Solubility in / Miscibility with 	
Water:	Fully miscible.
· Partition coefficient (n-octanol/water	: Not determined.
· Viscosity	
Dynamic at 25 °C (77 °F):	4000-6000 cps (DV-I, Sp#6, 100RPM, 30sec)
Kinematic:	Not determined.
 Other information 	No relevant information available.

10 Stability and reactivity

· Reactivity: No relevant information available.

· Chemical stability: Stable under normal temperatures and pressures.

Thermal decomposition / conditions to be avoided:

(Cont'd. on page 6)

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FAROUK CHILBIOSILK

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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No decomposition if used and stored according to specifications.

Possibility of hazardous reactions

Reacts with strong oxidizing agents. Reacts with strong alkali. Toxic fumes may be released if heated above the decomposition point.

· Conditions to avoid Excessive heat.

· Incompatible materials No relevant information available.

\cdot Hazardous decomposition products

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11 Toxicological information

Information on toxicological effects Acute toxicity: Based on available data, the classification criteria are not met. LD/LC50 values that are relevant for classification:

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

Oral LD50 1,260 mg/kg (rat)

Primary irritant effect:

• On the skin: Based on available data, the classification criteria are not met.

· On the eye: Based on available data, the classification criteria are not met.

· Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

Contains limonene. May produce an allergic reaction.

· IARC (International Agency for Research on Cancer):

Present in trace quantities.

13463-67-7 titanium dioxide

· NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

- · Probable route(s) of exposure:
- Ingestion.
- Eye contact.
- Skin contact.
- · Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- · STOT-single exposure: Based on available data, the classification criteria are not met.
- · STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

(Cont'd. on page 7)

2B



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	(Cont'd. of pag
Toxicity	(2000 2000 100
Aquatic toxicity	
The product contains materials that are	harmful to the environment.
68439-49-6 Polyethylene glycol 1100 r	mono(C16-C18) ethers
LC50 0.5 mg/l (zebra fish)	
74578-10-2 HC Blue No. 15	
LC50/96h <1 mg/l (fish)	
Persistence and degradability No	
Bioaccumulative potential: No relevan	
Mobility in soil: No relevant information Additional ecological information	
General notes:	
Due to available data on eliminability.	/decomposition and bioaccumulation potential prolonged te
damage of the environment can not be e	
Results of PBT and vPvB assessmeres	nent
PBT: Not applicable. vPvB: Not applicable.	
Other adverse effects No relevant in	formation available.
-	
Waste treatment methods Recommendation:	
Disposal considerations Waste treatment methods Recommendation: Smaller quantities can be disposed of w Small amounts may be diluted with planets	
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl	enty of water and washed away. Dispose of bigger amounts
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon compliance with all relevant local, state	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage a
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and containers and federal laws and regulations regarding treatment, storage a
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon compliance with all relevant local, state disposal for hazardous and nonhazardou Uncleaned packagings	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage us wastes.
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon compliance with all relevant local, state disposal for hazardous and nonhazardou	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage a us wastes.
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon compliance with all relevant local, state disposal for hazardous and nonhazardou Uncleaned packagings	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage us wastes.
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon compliance with all relevant local, state disposal for hazardous and nonhazardou Uncleaned packagings	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage a us wastes.
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon compliance with all relevant local, state disposal for hazardous and nonhazardous Uncleaned packagings Recommendation: Disposal must be m Transport information	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage us wastes. nade according to official regulations.
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon compliance with all relevant local, state disposal for hazardous and nonhazardous Uncleaned packagings Recommendation: Disposal must be m Transport information	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage a us wastes.
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon compliance with all relevant local, state disposal for hazardous and nonhazardous Uncleaned packagings Recommendation: Disposal must be m Transport information	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage a us wastes. nade according to official regulations.
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon compliance with all relevant local, state disposal for hazardous and nonhazardou Uncleaned packagings Recommendation: Disposal must be m Transport information UN-Number DOT, ADR, IMDG, IATA	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage a us wastes. nade according to official regulations.
Waste treatment methods Recommendation: Smaller quantities can be disposed of wi Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon- compliance with all relevant local, state disposal for hazardous and nonhazardou Uncleaned packagings Recommendation: Disposal must be m Transport information UN-Number DOT, ADR, IMDG, IATA UN proper shipping name	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage a us wastes. nade according to official regulations.
Waste treatment methods Recommendation: Smaller quantities can be disposed of w Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon- compliance with all relevant local, state disposal for hazardous and nonhazardou Uncleaned packagings Recommendation: Disposal must be m Transport information UN-Number DOT, ADR, IMDG, IATA UN proper shipping name DOT, ADR, IMDG, IATA Transport hazard class(es)	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and container and federal laws and regulations regarding treatment, storage a us wastes. nade according to official regulations.
Waste treatment methods Recommendation: Smaller quantities can be disposed of w Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon- compliance with all relevant local, state disposal for hazardous and nonhazardou Uncleaned packagings Recommendation: Disposal must be m Transport information UN-Number DOT, ADR, IMDG, IATA UN proper shipping name DOT, ADR, IMDG, IATA Transport hazard class(es) DOT, ADR, IMDG, IATA	In the type of water and washed away. Dispose of bigger amounts ments. Insibility to dispose of unused material, residues and containers and federal laws and regulations regarding treatment, storage a us wastes. In the type of the type of the type of
Waste treatment methods Recommendation: Smaller quantities can be disposed of w Small amounts may be diluted with pl accordance with Local Authority requirer The user of this material has the respon- compliance with all relevant local, state disposal for hazardous and nonhazardou Uncleaned packagings Recommendation: Disposal must be m Transport information UN-Number DOT, ADR, IMDG, IATA UN proper shipping name DOT, ADR, IMDG, IATA Transport hazard class(es)	enty of water and washed away. Dispose of bigger amounts ments. nsibility to dispose of unused material, residues and containers and federal laws and regulations regarding treatment, storage a us wastes. nade according to official regulations.





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 Trade name: CHI Chromashine - Out of The Blue

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 • DOT, ADR, IMDG, IATA
 Not regulated.

 • Environmental hazards

 • Marine pollutant:
 No

 • Special precautions for user
 Not applicable.

 • Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
 Not applicable.

 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture · United States (USA) · SARA Section 302 (extremely hazardous substances): None of the ingredients are listed. Section 355 (extremely hazardous substances): None of the ingredients are listed. Section 313 (Specific toxic chemical listings): None of the ingredients are listed. • TSCA (Toxic Substances Control Act) All ingredients are listed. · Proposition 65 (California) · Chemicals known to cause cancer: Reference to titanium dioxide is based on unbound respirable particles and is not generally applicable to product as supplied. 13463-67-7 titanium dioxide Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed. · Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed. · Chemicals known to cause developmental toxicity: None of the ingredients are listed. · EPA (Environmental Protection Agency): None of the ingredients are listed. · IARC (International Agency for Research on Cancer): Present in trace quantities. 13463-67-7 titanium dioxide 2B · NIOSH-Ca (National Institute for Occupational Safety and Health): Present in trace quantities. 13463-67-7 titanium dioxide (Cont'd. on page 9)



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Trade name: CHI Chromashine - Out of The Blue

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60676-86-0 Silica, fused

\cdot Canadian Domestic Substances List (DSL):

All ingredients are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Date of preparation / last revision March 20, 2018 / -

· Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistant, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Sources Website, European Chemicals Agency (echa.europa.eu) Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com



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	ation
· Product	identifier
	me: <u>CHI Chromashine - Onyx Black</u> code: 80-5394
· Recomm	ended use and restriction on use ended use: Hair care product ons on use: No relevant information available.
 Manufact Farouk Sy 250 Penn 	of the supplier of the Safety Data Sheet wrer/Supplier: vstems, Inc. bright Drive TX 77090 -2000
ChemTel (800)255-	cy telephone number: Inc. 3924 (North America) 48-0585 (International)
2 Hazard	s) identification
· Classific	ation of the substance or mixture
Skin Son	
	s. 1 H317 May cause an allergic skin reaction.
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 Label ele GHS labe The prodution Hazard p GHS07 Signal weither Hazard state Hatard state Hatard state Precaution P261 P272 P280 P302+P33 P333+P3 	ements I elements Inct is classified and labeled according to the Globally Harmonized System (GHS). Inctograms: ord: Warning Ratements: In cause an allergic skin reaction. In ary statements: Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. 52 If on skin: Wash with plenty of water.

3 Composition/information on ingredients



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 20, 2018

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(Cont'd. of page 1)

· Chemical characterization: Mixtures

•	Components:

· ·		
68439-49-6	Polyethylene glycol 1100 mono(C16-C18) ethers	<5%
	Eye Dam. 1, H318 Acute Tox. 4, H302	
56-81-5	glycerol	<5%
122-99-6	2-phenoxyethanol	<1%
	Acute Tox. 4, H302; Eye Irrit. 2A, H319	
67-63-0	propan-2-ol	<1%
	 ♦ Flam. Liq. 2, H225 ♦ Eye Irrit. 2A, H319; STOT SE 3, H336 	
138-86-3	limonene	<0.25%
	 Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317 	
· Additional	information: For the wording of the listed Hazard Statements, refer to section 16.	

4 First-aid measures

· Description of first aid measures

· After inhalation:

Unlikely route of exposure.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

Seek medical treatment in case of complaints.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

- Do not induce vomiting; immediately call for medical help.
- · Most important symptoms and effects, both acute and delayed:

May cause gastro-intestinal irritation if ingested. Allergic reactions

• Indication of any immediate medical attention and special treatment needed: If medical advice is needed, have product container or label at hand.

Contains limonene. May produce an allergic reaction.

5 Fire-fighting measures

· Extinguishing media

- · Suitable extinguishing agents:
- The product is not flammable.

Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: None.

(Cont'd. on page 3)



FAROUK

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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Trade name: CHI Chromashine - Onyx Black

(Cont'd. of page 2)

- Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
- · Advice for firefighters
- · Protective equipment:
- Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Use personal protective equipment as required. Ensure adequate ventilation.
- · Environmental precautions No special measures required.
- · Methods and material for containment and cleaning up

Towel or mop up material and collect in a suitable container. For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.

Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

· Handling

- · Precautions for safe handling: Keep out of reach of children.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Requirements to be met by storerooms and receptacles:
- Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- Information about storage in one common storage facility: No special requirements.
- Specific end use(s) No relevant information available.

Components	with limit values that require monitoring at the workplace:	
56-81-5 glyce	ol	
PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction	
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.	
EL (Canada)	Long-term value: 10* 3** mg/m ³ *mist; **mist, respirable	
EV (Canada)	Long-term value: 10 mg/m ³	



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Trade name: CHI Chromashine - Onyx Black

		nt'd. of page 3)
	Long-term value: 10 mg/m ³	
122-99-6 2-phe	-	
EV (Canada)	Long-term value: 141 mg/m³, 25 ppm Skin	
67-63-0 propar	n-2-ol	
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm	
REL (USA)	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm	
TLV (USA)	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI	
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
LMPE (Mexico)	Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE	
138-86-3 limon	ene	
WEEL (USA)	Long-term value: 30 ppm	
· Ingredients wi	th biological limit values:	
67-63-0 propar	n-2-ol	
Tim	ng/L Jium: urine e: end of shift at end of workweek ameter: Acetone (background, nonspecific)	
The usual preca Keep away from Wash hands be Engineering co Breathing equ Protection of h Not required un Wear protective Gloves are adv Eye protection Body protection Limitation an	ctive and hygienic measures: autionary measures for handling chemicals should be followed. In foodstuffs, beverages and feed. offore breaks and at the end of work. Controls: No relevant information available. ipment: Not required under normal conditions of use.	nts.

9 Physical and chemical properties

(Cont'd. on page 5)



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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Trade name: CHI Chromashine - Onyx Black

		(Cont'd. of page 4
· Information on basic physical a	nd chemical properties	
· Appearance:		
Form:	Cream.	
Color:	Black	
· Odor:	Pleasant	
· Odor threshold:	Not determined.	
 pH-value at 25 °C (77 °F): 	4.0-5.0	
• Melting point/Melting range:	Not determined.	
· Boiling point/Boiling range:	Not determined.	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
· Auto-ignition temperature:	Not determined.	
· Decomposition temperature:	Not determined.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits		
Lower:	Not determined.	
Upper:	Not determined.	
· Oxidizing properties:	Non-oxidizing.	
· Vapor pressure:	Not determined.	
· Density:		
Relative density:	0.99-1.01	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
· Solubility in / Miscibility with		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wate	er): Not determined.	
· Viscosity		
Dynamic at 25 °C (77 °F):	4000-6000 cps (DV-I, Sp#6, 100RPM, 30sec)	
Kinematic:	Not determined.	
 Other information 	No relevant information available.	

10 Stability and reactivity

- · Reactivity: No relevant information available.
- Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions
 Reacts with strong oxidizing agents.
 Reacts with strong alkali.
 Toxic fumes may be released if heated above the decomposition point.

(Cont'd. on page 6)

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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(Cont'd. of page 5)

2B

· Conditions to avoid Excessive heat.

· Incompatible materials No relevant information available.

· Hazardous decomposition products

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11 Toxicological information

Information on toxicological effects

· Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

Oral LD50 1,260 mg/kg (rat)

· Primary irritant effect:

- · On the skin: Based on available data, the classification criteria are not met.
- On the eye: Based on available data, the classification criteria are not met.

· Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

- Contains limonene. May produce an allergic reaction.
- IARC (International Agency for Research on Cancer): Present in trace quantities.

13463-67-7 titanium dioxide

· NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

· Probable route(s) of exposure:

Ingestion.

Eye contact.

Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- \cdot STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

· Toxicity

Aquatic toxicity

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

LC50 0.5 mg/l (zebra fish)

(Cont'd. on page 7)





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Trade name: CHI Chromashine - Onyx Black

(Cont'd. of page 6)

- · Persistence and degradability No relevant information available.
- · Bioaccumulative potential: No relevant information available.
- \cdot Mobility in soil: No relevant information available.
- · Additional ecological information
- · General notes:

Negative ecological effects are, according to the current state of knowledge, not expected.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· Uncleaned packagings

• **Recommendation:** Disposal must be made according to official regulations.

4 Transport information	
· UN-Number	
· DOT, ADR, IMDG, IATA	Not regulated.
 UN proper shipping name 	
· DOT, ADR, IMDG, IATA	Not regulated.
· Transport hazard class(es)	
· DOT, ADR, IMDG, IATA	
· Class	Not regulated.
· Packing group	
· DOT, ADR, IMDG, IATA	Not regulated.
· Environmental hazards	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II	of
MARPOL73/78 and the IBC Code	Not applicable.





acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 20, 2018

15 Regulatory information

Revision: March 20, 2018

Trade name: CHI Chromashine - Onyx Black

(Cont'd. of page 7)

Safety, he mixture	alth and environmental regulations/legislation specific for the substance
· United Stat	es (USA)
· SARA	
	e (extremely hazardous substances):
None of the	ingredients are listed.
	(extremely hazardous substances):
None of the	ingredients are listed.
	(Specific toxic chemical listings):
None of the	ingredients are listed.
· TSCA (Toxi	c Substances Control Act)
All ingredier	
	65 (California)
	known to cause cancer:
	o titanium dioxide is based on unbound respirable particles and is not generally applicable
product as s	titanium dioxide
	known to cause reproductive toxicity for females:
	ingredients are listed.
	known to cause reproductive toxicity for males:
	ingredients are listed.
	known to cause developmental toxicity:
None of the	ingredients are listed.
· EPA (Envir	onmental Protection Agency):
None of the	ingredients are listed.
	national Agency for Research on Cancer):
	ace quantities.
	titanium dioxide 2
	National Institute for Occupational Safety and Health): ace quantities.
	titanium dioxide
	Silica, fused
	omestic Substances List (DSL):
All ingredier	ts are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of preparation / last revision March 20, 2018 / -



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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Trade name: CHI Chromashine - Onyx Black (Cont'd. of page 8) Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistant, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Sources Website, European Chemicals Agency (echa.europa.eu) Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com



Printing date: March 21, 2018

Revision: March 21, 2018

1 Identification	
· Product identifier	
 Trade name: <u>CHI Chromashine - Granite My Wish</u> • Product code: 80-5395 	
 Recommended use and restriction on use Recommended use: Hair care product Restrictions on use: No relevant information available. 	
 Details of the supplier of the Safety Data Sheet Manufacturer/Supplier: Farouk Systems, Inc. 250 Pennbright Drive Houston, TX 77090 (281) 876-2000 	
Emergency telephone number: ChemTel Inc. (800)255-3924 (North America) +1 (813)248-0585 (International)	
2 Hazard(s) identification	
· Classification of the substance or mixture	
Skin Sens. 1 H317 May cause an allergic skin reaction.	
 Label elements GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS) Hazard pictograms: 	
GHS07	
 Signal word: Warning Hazard statements: H317 May cause an allergic skin reaction. Precautionary statements: P261 Avoid breathing mist/vapors/spray. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves. P302+P352 If on skin: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/container in accordance with local/regional/nation regulations. 	nal/international
• Other hazards There are no other hazards not otherwise classified that have been ident	tified.

3 Composition/information on ingredients

(Cont'd. on page 2)



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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Trade name:	CHI	Chromashine -	Granite	Мy	Wish
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(Cont'd. of page 1)

· Chemical characterization: Mixtures

· Components:

Г

· components.	
68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers	<5%
Eye Dam. 1, H318 Acute Tox. 4, H302	
56-81-5 glycerol	<5%
122-99-6 2-phenoxyethanol	<1%
1 Acute Tox. 4, H302; Eye Irrit. 2A, H319	
67-63-0 propan-2-ol	<1%
Flam. Liq. 2, H225 Eye Irrit. 2A, H319; STOT SE 3, H336	
V · ·	
138-86-3 limonene	<0.25%
Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317	
🚯 Skin Irrit. 2, H315; Skin Sens. 1, H317	
• Additional information: For the wording of the listed Hazard Statements, refer to section 16.	

4 First-aid measures

· Description of first aid measures

· After inhalation:

Unlikely route of exposure.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

Seek medical treatment in case of complaints.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

- Do not induce vomiting; immediately call for medical help.
- · Most important symptoms and effects, both acute and delayed:

May cause gastro-intestinal irritation if ingested. Allergic reactions

• Indication of any immediate medical attention and special treatment needed: If medical advice is needed, have product container or label at hand.

Contains limonene. May produce an allergic reaction.

5 Fire-fighting measures

· Extinguishing media

- · Suitable extinguishing agents:
- The product is not flammable.

Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: None.

(Cont'd. on page 3)

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Trade name: CHI Chromashine - Granite My Wish

(Cont'd. of page 2)

• Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.

· Advice for firefighters

· Protective equipment:

Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Use personal protective equipment as required. Ensure adequate ventilation.
- · Environmental precautions No special measures required.
- · Methods and material for containment and cleaning up

Towel or mop up material and collect in a suitable container. For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.

Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

· Handling

- · Precautions for safe handling: Keep out of reach of children.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Requirements to be met by storerooms and receptacles:
- Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- Information about storage in one common storage facility: No special requirements.
- Specific end use(s) No relevant information available.

Components	with limit values that require monitoring at the workplace:	
56-81-5 glyce	ol	
PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction	
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.	
EL (Canada)	Long-term value: 10* 3** mg/m ³ *mist; **mist, respirable	
EV (Canada)	Long-term value: 10 mg/m ³	





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Trade name: CHI Chromashine - Granite My Wish

122-99-6 2-phe	Long-term value: 10 mg/m ³
EV (Canada)	Long-term value: 141 mg/m³, 25 ppm Skin
67-63-0 propan	-2-ol
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm
REL (USA)	Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm
TLV (USA)	Short-term value: 984 mg/m³, 400 ppm Long-term value: 492 mg/m³, 200 ppm BEI
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm
LMPE (Mexico)	Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE
138-86-3 limon	ene
WEEL (USA)	Long-term value: 30 ppm
Ingredients wit	h biological limit values:
67-63-0 propan	-2-ol
Time	ium: urine e: end of shift at end of workweek
	meter: Acetone (background, nonspecific)
The usual preca Keep away from Wash hands be Engineering co Breathing equi Protection of h Not required unc	tive and hygienic measures: utionary measures for handling chemicals should be followed. foodstuffs, beverages and feed. fore breaks and at the end of work. Introls: No relevant information available. pment: Not required under normal conditions of use.
· Eye protection:	: Follow relevant national guidelines concerning the use of protective eyewear. n: Not required under normal conditions of use.

9 Physical and chemical properties

(Cont'd. on page 5)



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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Trade name: CHI Chromashine - Granite My Wish

		(Cont'd. of page 4
· Information on basic physical ar	nd chemical properties	
· Appearance:		
Form:	Cream.	
Color:	Light violet	
· Odor: · Odor threshold:	Pleasant Not determined.	
	Not determined.	
• pH-value at 25 °C (77 °F):	4.0-5.0	
• Melting point/Melting range:	Not determined.	
 Boiling point/Boiling range: 	Not determined.	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
· Auto-ignition temperature:	Not determined.	
· Decomposition temperature:	Not determined.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits		
Lower:	Not determined.	
Upper:	Not determined.	
· Oxidizing properties:	Non-oxidizing.	
· Vapor pressure:	Not determined.	
· Density:		
Relative density:	0.99-1.01	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
· Solubility in / Miscibility with		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wate	r): Not determined.	
· Viscosity		
Dynamic at 25 °C (77 °F):	4000-6000 cps (DV-I, Sp#6, 100RPM, 30sec)	
Kinematic:	Not determined.	
 Other information 	No relevant information available.	

10 Stability and reactivity

- · Reactivity: No relevant information available.
- Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions
 Reacts with strong oxidizing agents.
 Reacts with strong alkali.
 Toxic fumes may be released if heated above the decomposition point.

(Cont'd. on page 6)

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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2B

· Conditions to avoid Excessive heat.

· Incompatible materials No relevant information available.

· Hazardous decomposition products

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11 Toxicological information

Information on toxicological effects

· Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

Oral LD50 1,260 mg/kg (rat)

· Primary irritant effect:

- · On the skin: Based on available data, the classification criteria are not met.
- \cdot On the eye: Based on available data, the classification criteria are not met.

· Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

- Contains limonene. May produce an allergic reaction.
- IARC (International Agency for Research on Cancer): Present in trace quantities.

13463-67-7 titanium dioxide

· NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

· Probable route(s) of exposure:

Ingestion.

Eye contact.

Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- \cdot STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

· Toxicity

Aquatic toxicity

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

LC50 0.5 mg/l (zebra fish)

(Cont'd. on page 7)





acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

Trade name: CHI Chromashine - Granite My Wish

(Cont'd. of page 6)

Revision: March 21, 2018

- · Persistence and degradability No relevant information available.
- · Bioaccumulative potential: No relevant information available.
- · Mobility in soil: No relevant information available.
- · Additional ecological information
- · General notes:

Negative ecological effects are, according to the current state of knowledge, not expected.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· Uncleaned packagings

• **Recommendation:** Disposal must be made according to official regulations.

UN-Number		
DOT, ADR, IMDG, IATA	Not regulated.	
UN proper shipping name DOT, ADR, IMDG, IATA	Not regulated.	
Transport hazard class(es)		
DOT, ADR, IMDG, IATA		
Class	Not regulated.	
Packing group		
DOT, ADR, IMDG, IATA	Not regulated.	
Environmental hazards		
Marine pollutant:	No	
Special precautions for user	Not applicable.	
Transport in bulk according to Annex	ll of	
MARPOL73/78 and the IBC Code	Not applicable.	





acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

15 Regulatory information

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Trade name: CHI Chromashine - Granite My Wish

(Cont'd. of page 7)

 Safety, health and environmental regulations/legislation specific for the substance or mixture United States (USA)
SARA
· Section 302 (extremely hazardous substances):
None of the ingredients are listed.
· Section 355 (extremely hazardous substances):
None of the ingredients are listed.
Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.
TSCA (Toxic Substances Control Act)
All ingredients are listed.
 Proposition 65 (California) Chemicals known to cause cancer: Reference to titanium dioxide is based on unbound respirable particles and is not generally applicable to product as supplied.
13463-67-7 titanium dioxide
Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.
· Chemicals known to cause developmental toxicity:
None of the ingredients are listed.
· EPA (Environmental Protection Agency):
None of the ingredients are listed.
 IARC (International Agency for Research on Cancer): Present in trace quantities.
13463-67-7 titanium dioxide 2B
NIOSH-Ca (National Institute for Occupational Safety and Health): Present in trace quantities.
60676-86-0 Silica, fused
13463-67-7 titanium dioxide
· Canadian Domestic Substances List (DSL):
All ingredients are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of preparation / last revision March 21, 2018 / -



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

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Trade name: CHI Chromashine - Granite My Wish (Cont'd. of page 8) Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistant, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Sources Website, European Chemicals Agency (echa.europa.eu) Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com



Printing date: March 21, 2018

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1 Identifica	ation
· Product i	dentifier
	e: <u>CHI Chromashine - Pearl White</u> ode: 80-5396
· Recomme	nded use and restriction on use nded use: Hair care product is on use: No relevant information available.
	right Drive X 77090
ChemTel Ir (800)255-3	y telephone number: nc. 924 (North America) 8-0585 (International)
2 Hazard(s) identification
۱.	
	ation of the substance or mixture
Skin Sens.	1 H317 May cause an allergic skin reaction.
 Label eler GHS label The production Hazard pic 	elements at is classified and labeled according to the Globally Harmonized System (GHS).
$\langle \mathbf{i} \rangle$	
GHS07	
 Precaution 	tements: cause an allergic skin reaction. hary statements:
P261 P272	Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves.
	2 If on skin: Wash with plenty of water. 3 If skin irritation or rash occurs: Get medical advice/attention.
	4 Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/internation
	regulations.

3 Composition/information on ingredients

(Cont'd. on page 2)



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

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Trade name:	CHI Chromas	hine - Pearl White
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(Cont'd. of page 1)

· Chemical characterization: Mixtures

 Components:
 Components:

68439-49-6	Polyethylene glycol 1100 mono(C16-C18) ethers	<5%
	Eye Dam. 1, H318 Acute Tox. 4, H302	
	glycerol	<5%
122-99-6	2-phenoxyethanol	<1%
	Okonsense A.	
67-63-0	propan-2-ol	<1%
	Flam. Liq. 2, H225 Eye Irrit. 2A, H319; STOT SE 3, H336	
138-86-3	limonene	<0.25%
	 Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317 	
	Oskin Irrit. 2, H315; Skin Sens. 1, H317	
· Additional i	nformation: For the wording of the listed Hazard Statements, refer to section 16.	

4 First-aid measures

· Description of first aid measures

· After inhalation:

Unlikely route of exposure.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

Seek medical treatment in case of complaints.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

- Do not induce vomiting; immediately call for medical help.
- · Most important symptoms and effects, both acute and delayed:

May cause gastro-intestinal irritation if ingested. Allergic reactions

• Indication of any immediate medical attention and special treatment needed: If medical advice is needed, have product container or label at hand.

Contains limonene. May produce an allergic reaction.

5 Fire-fighting measures

· Extinguishing media

- · Suitable extinguishing agents:
- The product is not flammable.

Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: None.

(Cont'd. on page 3)



FAROUK CHEIBIOSILK

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

Revision: March 21, 2018

Trade name: CHI Chromashine - Pearl White

(Cont'd. of page 2)

- Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
- · Advice for firefighters
- · Protective equipment:
- Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Use personal protective equipment as required. Ensure adequate ventilation.
- · Environmental precautions No special measures required.
- · Methods and material for containment and cleaning up

Towel or mop up material and collect in a suitable container. For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.

Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

· Handling

- · Precautions for safe handling: Keep out of reach of children.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Requirements to be met by storerooms and receptacles:
- Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- Information about storage in one common storage facility: No special requirements.
- Specific end use(s) No relevant information available.

· Components with limit values that require monitoring at the workplace:				
56-81-5 glycerol				
PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction			
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.			
EL (Canada)	Long-term value: 10* 3** mg/m ³ *mist; **mist, respirable			
EV (Canada)	Long-term value: 10 mg/m ³			



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Trade name: CHI Chromashine - Pearl White

	Long term value: 10 mg/m3	ge 3
122-99-6 2-ph	Long-term value: 10 mg/m ³	
EV (Canada)	Long-term value: 141 mg/m ³ , 25 ppm Skin	
67-63-0 propa	n-2-ol	
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm	
REL (USA)	Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm	
TLV (USA)	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI	
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
LMPE (Mexico)	Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE	
138-86-3 limor	hene	
WEEL (USA)	Long-term value: 30 ppm	
· Ingredients wi	th biological limit values:	
67-63-0 propa	n-2-ol	
Tim	ng/L dium: urine ie: end of shift at end of workweek ameter: Acetone (background, nonspecific)	
The usual prec Keep away fror Wash hands be • Engineering c • Breathing equ • Protection of I Not required ur Wear protective Gloves are adv • Eye protection • Body protection	ctive and hygienic measures: autionary measures for handling chemicals should be followed. n foodstuffs, beverages and feed. efore breaks and at the end of work. ontrols: No relevant information available. ipment: Not required under normal conditions of use.	

9 Physical and chemical properties

(Cont'd. on page 5)



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

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Trade name: CHI Chromashine - Pearl White

		(Cont'd. of page 4)
 Information on basic physical and 	nd chemical properties	
· Appearance:		
Form:	Cream.	
Color:	Pearl white	
· Odor: · Odor threshold:	Pleasant Not determined.	
• pH-value at 25 °C (77 °F):	4.0-5.0	
Melting point/Melting range:	Not determined.	
· Boiling point/Boiling range:	Not determined.	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
· Auto-ignition temperature:	Not determined.	
· Decomposition temperature:	Not determined.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits		
Lower:	Not determined.	
Upper:	Not determined.	
 Oxidizing properties: 	Non-oxidizing.	
· Vapor pressure:	Not determined.	
· Density:		
Relative density:	0.99-1.01	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
 Solubility in / Miscibility with 		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wate	er): Not determined.	
· Viscosity		
Dynamic at 25 °C (77 °F):	4000-6000 cps (DV-I, Sp#6, 100RPM, 30sec)	
Kinematic:	Not determined.	
 Other information 	No relevant information available.	

10 Stability and reactivity

- · Reactivity: No relevant information available.
- Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions
 Reacts with strong oxidizing agents.
 Reacts with strong alkali.
 Toxic fumes may be released if heated above the decomposition point.

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(Cont'd. on page 6)

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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(Cont'd. of page 5)

2B

· Conditions to avoid Excessive heat.

· Incompatible materials No relevant information available.

· Hazardous decomposition products

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11 Toxicological information

Information on toxicological effects

· Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

Oral LD50 1,260 mg/kg (rat)

· Primary irritant effect:

- · On the skin: Based on available data, the classification criteria are not met.
- On the eye: Based on available data, the classification criteria are not met.

· Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

- Contains limonene. May produce an allergic reaction.
- IARC (International Agency for Research on Cancer): Present in trace quantities.

13463-67-7 titanium dioxide

· NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

· Probable route(s) of exposure:

Ingestion.

Eye contact.

Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- \cdot STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

· Toxicity

Aquatic toxicity

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

LC50 0.5 mg/l (zebra fish)

(Cont'd. on page 7)





Safaty

Safety Data Sheet acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

Revision: March 21, 2018

Trade name: CHI Chromashine - Pearl White

(Cont'd. of page 6)

- · Persistence and degradability No relevant information available.
- · Bioaccumulative potential: No relevant information available.
- \cdot Mobility in soil: No relevant information available.
- · Additional ecological information
- · General notes:

Negative ecological effects are, according to the current state of knowledge, not expected.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· Uncleaned packagings

• Recommendation: Disposal must be made according to official regulations.

4 Transport information		
· UN-Number		
· DOT, ADR, IMDG, IATA	Not regulated.	
· UN proper shipping name		
· DOT, ADR, IMDG, IATA	Not regulated.	
· Transport hazard class(es)		
· DOT, ADR, IMDG, IATA		
·Class	Not regulated.	
· Packing group		
· DOT, ADR, IMDG, IATA	Not regulated.	
· Environmental hazards		
· Marine pollutant:	No	
· Special precautions for user	Not applicable.	
· Transport in bulk according to Annex	II of	
MARPOL73/78 and the IBC Code	Not applicable.	

(Cont'd. on page 8)





acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

15 Regulatory information

Revision: March 21, 2018

Trade name: CHI Chromashine - Pearl White

(Cont'd. of page 7)

	-
· Safety, he	alth and environmental regulations/legislation specific for the substance of
mixture	
· United State	es (USA)
· SARA	
· Section 302	e (extremely hazardous substances):
None of the	ingredients are listed.
	(extremely hazardous substances):
None of the	ingredients are listed.
	(Specific toxic chemical listings):
None of the	ingredients are listed.
· TSCA (Toxi	c Substances Control Act)
All ingredien	
	65 (California)
	known to cause cancer:
	o titanium dioxide is based on unbound respirable particles and is not generally applicable
product as s	
13463-67-7	titanium dioxide
	known to cause reproductive toxicity for females:
None of the	ingredients are listed.
	known to cause reproductive toxicity for males:
None of the	ingredients are listed.
· Chemicals	known to cause developmental toxicity:
None of the	ingredients are listed.
· EPA (Enviro	onmental Protection Agency):
None of the	ingredients are listed.
	national Agency for Research on Cancer):
Present in tr	ace quantities.
13463-67-7	titanium dioxide 2
	National Institute for Occupational Safety and Health):
Present in tr	ace quantities.
60676-86-0	Silica, fused
13463-67-7	titanium dioxide
· Canadian D	omestic Substances List (DSL):
All ingredien	

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of preparation / last revision March 21, 2018 / -



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

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Trade name: CHI Chromashine - Pearl White (Cont'd. of page 8) Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistant, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Sources Website, European Chemicals Agency (echa.europa.eu) Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com



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j	
1 Identification	
· Product identifier	
• Trade name: <u>CHI Chroma</u> • Product code: 80-5397	shine - Dangerously Red
 Recommended use and r Recommended use: Hair Restrictions on use: No restrictions on use in the restriction of the restriction of the restrict of the restres of the restrict of the restrict of the restrict of the res	
Details of the supplier Manufacturer/Supplier: Farouk Systems, Inc. 250 Pennbright Drive Houston, TX 77090 (281) 876-2000	of the Safety Data Sheet
Emergency telephone nu ChemTel Inc. (800)255-3924 (North Ame +1 (813)248-0585 (Internat	erica)
2 Hazard(s) identificati	on
· Classification of the su	
	ause an allergic skin reaction.
· Label elements · GHS label elements	d labeled according to the Globally Harmonized System (GHS).
GHS07	
P272 Contaminated P280 Wear protectiv P302+P352 If on skin: Was P333+P313 If skin irritation P362+P364 Take off conta	: g mist/vapors/spray. work clothing must not be allowed out of the workplace. e gloves.
• Other hazards There are	no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

Revision: March 21, 2018

Trade name: Cl	HI Chromashine -	Dangerously	Red
----------------	------------------	-------------	-----

(Cont'd. of page 1)

Chemical characterization: Mixtures

•	Components:
---	-------------

· components.	
68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers	<5%
Eye Dam. 1, H318 Acute Tox. 4, H302	
56-81-5 glycerol	<5%
122-99-6 2-phenoxyethanol	<1%
1 Acute Tox. 4, H302; Eye Irrit. 2A, H319	
67-63-0 propan-2-ol	<1%
 Flam. Liq. 2, H225 Eye Irrit. 2A, H319; STOT SE 3, H336 	
138-86-3 limonene	<0.25%
 Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317 	
· Additional information: For the wording of the listed Hazard Statements,	refer to section 16.

4 First-aid measures

· Description of first aid measures

- · After inhalation:
- Unlikely route of exposure.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

Seek medical treatment in case of complaints.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

- Do not induce vomiting; immediately call for medical help.
- Most important symptoms and effects, both acute and delayed:

May cause gastro-intestinal irritation if ingested. Allergic reactions

• Indication of any immediate medical attention and special treatment needed: If medical advice is needed, have product container or label at hand.

Contains limonene. May produce an allergic reaction.

5 Fire-fighting measures

· Extinguishing media

- · Suitable extinguishing agents:
- The product is not flammable.

Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: None.

(Cont'd. on page 3)

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 21, 2018

Revision: March 21, 2018

Trade name: CHI Chromashine - Dangerously Red

(Cont'd. of page 2)

• Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.

· Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Use personal protective equipment as required. Ensure adequate ventilation.
- Environmental precautions No special measures required.
- · Methods and material for containment and cleaning up

Towel or mop up material and collect in a suitable container. For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.

Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

· Handling

- · Precautions for safe handling: Keep out of reach of children.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- \cdot Requirements to be met by storerooms and receptacles:
- Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- · Information about storage in one common storage facility: No special requirements.
- Specific end use(s) No relevant information available.

Components	with limit values that require monitoring at the workplace:	
56-81-5 glyce	ol	
PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction	
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.	
EL (Canada)	Long-term value: 10* 3** mg/m ³ *mist; **mist, respirable	
EV (Canada)	Long-term value: 10 mg/m ³	





Printing date: March 21, 2018

Revision: March 21, 2018

Trade name: CHI Chromashine - Dangerously Red

67-63-0 propar BEI (USA) 40 r	Long-term value: 141 mg/m³, 25 ppm Skin -2-ol Long-term value: 980 mg/m³, 400 ppm Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm Short-term value: 984 mg/m³, 400 ppm Long-term value: 492 mg/m³, 200 ppm BEI Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 200 ppm Short-term value: 200 ppm A4, IBE ene Long-term value: 30 ppm th biological limit values:
67-63-0 propar PEL (USA) REL (USA) TLV (USA) EL (Canada) EV (Canada) LMPE (Mexico) 138-86-3 limon WEEL (USA) Ingredients wit 67-63-0 propar BEI (USA) 40 r	Skin -2-ol Long-term value: 980 mg/m ³ , 400 ppm Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 200 ppm Short-term value: 200 ppm Short-term value: 200 ppm A4, IBE ene Long-term value: 30 ppm th biological limit values:
PEL (USA) REL (USA) TLV (USA) EL (Canada) EV (Canada) LMPE (Mexico) 138-86-3 limon WEEL (USA) Ingredients wit 67-63-0 propar BEI (USA) 40 r	Long-term value: 980 mg/m³, 400 ppm Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm Short-term value: 984 mg/m³, 400 ppm Long-term value: 492 mg/m³, 200 ppm BEI Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 200 ppm Short-term value: 200 ppm At, IBE ene Long-term value: 30 ppm the biological limit values:
REL (USA) TLV (USA) EL (Canada) EV (Canada) LMPE (Mexico) 138-86-3 limon WEEL (USA) Ingredients wit 67-63-0 propar BEI (USA) 40 r	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 200 ppm A4, IBE ene Long-term value: 30 ppm
TLV (USA) EL (Canada) EV (Canada) LMPE (Mexico) 138-86-3 limon WEEL (USA) Ingredients wit 67-63-0 propar BEI (USA) 40 r	Long-term value: 980 mg/m ³ , 400 ppm Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 200 ppm Short-term value: 200 ppm Long-term value: 200 ppm A4, IBE ene Long-term value: 30 ppm th biological limit values:
EL (Canada) EV (Canada) LMPE (Mexico) 138-86-3 limon WEEL (USA) Ingredients wit 67-63-0 propar BEI (USA) 40 r	Long-term value: 492 mg/m³, 200 ppm BEI Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE ene Long-term value: 30 ppm th biological limit values:
EV (Canada) LMPE (Mexico) 138-86-3 limon WEEL (USA) Ingredients wit 67-63-0 propar BEI (USA) 40 r	Long-term value: 200 ppm Short-term value: 400 ppm Long-term value: 200 ppm Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE ene Long-term value: 30 ppm th biological limit values:
LMPE (Mexico) 138-86-3 limon WEEL (USA) Ingredients wit 67-63-0 propar BEI (USA) 40 r	Long-term value: 200 ppm Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE ene Long-term value: 30 ppm th biological limit values:
138-86-3 limon WEEL (USA) Ingredients wit 67-63-0 propar BEI (USA) 40 r	Long-term value: 200 ppm A4, IBE ene Long-term value: 30 ppm th biological limit values:
WEEL (USA) Ingredients with 67-63-0 propar BEI (USA) 40 r	Long-term value: 30 ppm h biological limit values:
Ingredients wit 67-63-0 propar BEI (USA) 40 r	h biological limit values:
67-63-0 propar BEI (USA) 40 r	-
BEI (USA) 40 r	
	i-2-ol
Tim	ng/L lium: urine e: end of shift at end of workweek ameter: Acetone (background, nonspecific)
Exposure cor	ntrols
The usual preca Keep away from Wash hands be Engineering co Breathing equi Protection of h	
Wear protective Gloves are advi Eye protection Body protection	 der normal conditions of use. gloves to handle contents of damaged or leaking units. sed for repeated or prolonged contact. Follow relevant national guidelines concerning the use of protective eyewear. n: Not required under normal conditions of use. d supervision of exposure into the environment No special requirements.
	ment measures No special requirements.

9 Physical and chemical properties

(Cont'd. on page 5)



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Trade name: CHI Chromashine - Dangerously Red

		(Cont'd. of page
· Information on basic physical a	and chemical properties	
· Appearance:		
Form:	Cream.	
Color:	Red	
· Odor:	Pleasant Natisfactores in a d	
· Odor threshold:	Not determined.	
· pH-value at 25 °C (77 °F):	4.0-5.0	
• Melting point/Melting range:	Not determined.	
· Boiling point/Boiling range:	Not determined.	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
· Auto-ignition temperature:	Not determined.	
· Decomposition temperature:	Not determined.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits		
Lower:	Not determined.	
Upper:	Not determined.	
 Oxidizing properties: 	Non-oxidizing.	
· Vapor pressure:	Not determined.	
· Density:		
Relative density:	0.99-1.01	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
 Solubility in / Miscibility with 		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wa	ter): Not determined.	
· Viscosity		
Dynamic at 25 °C (77 °F):	4000-6000 cps (DV-I, Sp#6, 100RPM, 30sec)	
Kinematic:	Not determined.	
 Other information 	No relevant information available.	

10 Stability and reactivity

- · Reactivity: No relevant information available.
- Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions
 Reacts with strong oxidizing agents.
 Reacts with strong alkali.
 Toxic fumes may be released if heated above the decomposition point.

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(Cont'd. on page 6)

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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2B

· Conditions to avoid Excessive heat.

· Incompatible materials No relevant information available.

· Hazardous decomposition products

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11 Toxicological information

Information on toxicological effects

· Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

Oral LD50 1,260 mg/kg (rat)

· Primary irritant effect:

- · On the skin: Based on available data, the classification criteria are not met.
- On the eye: Based on available data, the classification criteria are not met.

· Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

- Contains limonene. May produce an allergic reaction.
- IARC (International Agency for Research on Cancer): Present in trace quantities.

13463-67-7 titanium dioxide

• NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

· Probable route(s) of exposure:

Ingestion.

Eye contact.

Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

· Toxicity

Aquatic toxicity

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

LC50 0.5 mg/l (zebra fish)

(Cont'd. on page 7)





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Trade name: CHI Chromashine - Dangerously Red

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- · Persistence and degradability No relevant information available.
- · Bioaccumulative potential: No relevant information available.
- \cdot Mobility in soil: No relevant information available.
- · Additional ecological information
- · General notes:

Negative ecological effects are, according to the current state of knowledge, not expected.

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Smaller quantities can be disposed of with household waste.

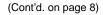
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· Uncleaned packagings

• **Recommendation:** Disposal must be made according to official regulations.

4 Transport information		
· UN-Number		
· DOT, ADR, IMDG, IATA	Not regulated.	
· UN proper shipping name		
· DOT, ADR, IMDG, IATA	Not regulated.	
· Transport hazard class(es)		
· DOT, ADR, IMDG, IATA		
·Class	Not regulated.	
· Packing group		
· DOT, ADR, IMDG, IATA	Not regulated.	
· Environmental hazards		
· Marine pollutant:	No	
· Special precautions for user	Not applicable.	
· Transport in bulk according to Annex	II of	
MARPOL73/78 and the IBC Code	Not applicable.	







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15 Regulatory information

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Trade name: CHI Chromashine - Dangerously Red

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\cdot Safety, health and environmental regulations/legislation specific for the substance
mixture
· United States (USA)
· SARA
· Section 302 (extremely hazardous substances):
None of the ingredients are listed.
· Section 355 (extremely hazardous substances):
None of the ingredients are listed.
· Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.
· TSCA (Toxic Substances Control Act)
All ingredients are listed.
· Proposition 65 (California)
· Chemicals known to cause cancer:
Reference to titanium dioxide is based on unbound respirable particles and is not generally applicable
product as supplied.
13463-67-7 titanium dioxide
· Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.
· Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.
· Chemicals known to cause developmental toxicity:
None of the ingredients are listed.
· EPA (Environmental Protection Agency):
None of the ingredients are listed.
· IARC (International Agency for Research on Cancer):
Present in trace quantities.
13463-67-7 titanium dioxide 2
NIOSH-Ca (National Institute for Occupational Safety and Health):
Present in trace quantities.
13463-67-7 titanium dioxide
60676-86-0 Silica, fused
· Canadian Domestic Substances List (DSL):
All ingredients are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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Trade name: CHI Chromashine - Dangerously Red (Cont'd. of page 8) Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistant, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Sources Website, European Chemicals Agency (echa.europa.eu) Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com



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	ation
· Product i	dentifier
	ne: CHI Chromashine - Grass Roots ode: 80-5398
· Recomme	nded use and restriction on use nded use: Hair care product ns on use: No relevant information available.
	right Drive TX 77090
ChemTel I (800)255-3	e y telephone number: nc. 1924 (North America) 18-0585 (International)
2 Hazard(s	s) identification
· Classific	ation of the substance or mixture
Skin Sens.	1 H317 May cause an allergic skin reaction.
 Label ele GHS label The product 	elements
Hazard pie	ct is classified and labeled according to the Globally Harmonized System (GHS). ctograms:
 Hazard pie GHS07 Signal wo Hazard state H317 May Precaution P261 	rd: Warning atements: cause an allergic skin reaction. nary statements: Avoid breathing mist/vapors/spray.
 Hazard pie GHS07 Signal wo Hazard state H317 May Precaution P261 P272 P280 P302+P35 P333+P31 	rd: Warning atements: cause an allergic skin reaction. nary statements:

3 Composition/information on ingredients



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Trade name:	CHI	Chromashine -	Grass	Roots
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(Cont'd. of page 1)

· Chemical characterization: Mixtures

•		
68439-49-6	Polyethylene glycol 1100 mono(C16-C18) ethers	<5%
	Eye Dam. 1, H318 Acute Tox. 4, H302	
	Acute Tox. 4, H302	
56-81-5	glycerol	<5%
122-99-6	2-phenoxyethanol	<1%
	Acute Tox. 4, H302; Eye Irrit. 2A, H319	
67-63-0	propan-2-ol	<1%
	 ♦ Flam. Liq. 2, H225 ♦ Eye Irrit. 2A, H319; STOT SE 3, H336 	
138-86-3	limonene	<0.25%
	 Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317 	
	Oskin Irrit. 2, H315; Skin Sens. 1, H317	
· Additional i	nformation: For the wording of the listed Hazard Statements, refer to section 16.	

4 First-aid measures

· Description of first aid measures

· After inhalation:

Unlikely route of exposure.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

Seek medical treatment in case of complaints.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

- Do not induce vomiting; immediately call for medical help.
- · Most important symptoms and effects, both acute and delayed:

May cause gastro-intestinal irritation if ingested. Allergic reactions

• Indication of any immediate medical attention and special treatment needed: If medical advice is needed, have product container or label at hand.

Contains limonene. May produce an allergic reaction.

5 Fire-fighting measures

· Extinguishing media

- · Suitable extinguishing agents:
- The product is not flammable.

Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: None.

(Cont'd. on page 3)



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Trade name: CHI Chromashine - Grass Roots

(Cont'd. of page 2)

- Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
- · Advice for firefighters
- Protective equipment:
- Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Use personal protective equipment as required. Ensure adequate ventilation.
- · Environmental precautions No special measures required.
- Methods and material for containment and cleaning up

Towel or mop up material and collect in a suitable container. For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.

Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

· Handling

- · Precautions for safe handling: Keep out of reach of children.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Requirements to be met by storerooms and receptacles:
- Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- Information about storage in one common storage facility: No special requirements.
- Specific end use(s) No relevant information available.

 Components with limit values that require monitoring at the workplace: 		
56-81-5 glycer	ol	
PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction	
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.	
EL (Canada)	Long-term value: 10* 3** mg/m ³ *mist; **mist, respirable	
EV (Canada)	Long-term value: 10 mg/m ³	



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I MPE (Mexico)	Long-term value: 10 mg/m ³	age (
122-99-6 2-phe		
EV (Canada) Long-term value: 141 mg/m ³ , 25 ppm Skin		
67-63-0 propar	-2-ol	
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm	
REL (USA)	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm	
TLV (USA)	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI	
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm	
LMPE (Mexico)	Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE	
138-86-3 limon	ene	
WEEL (USA)	Long-term value: 30 ppm	
· Ingredients wit	th biological limit values:	
67-63-0 propar	i-2-ol	
Tim	ng/L lium: urine e: end of shift at end of workweek ameter: Acetone (background, nonspecific)	
The usual preca Keep away from Wash hands be • Engineering co • Breathing equi • Protection of h Not required un Wear protective Gloves are advi • Eye protection • Body protection	 Autionary measures for handling chemicals should be followed. Autionary measures for handling chemicals should be followed. A foodstuffs, beverages and feed. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the end of work. A fore breaks and at the environment of the environment is a fore the envinonment is a fore the envinonment is	

9 Physical and chemical properties

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Trade name: CHI Chromashine - Grass Roots

		(Cont'd. of page 4)
 Information on basic physical a 	and chemical properties	
· Appearance:		
Form:	Cream.	
Color:	Green	
· Odor: · Odor threshold:	Pleasant Not determined.	
• pH-value at 25 °C (77 °F):	4.0-5.0	
• Melting point/Melting range:	Not determined.	
 Boiling point/Boiling range: 	Not determined.	
· Flash point:	Not applicable.	
 Flammability (solid, gaseous): 	Not applicable.	
 Auto-ignition temperature: 	Not determined.	
· Decomposition temperature:	Not determined.	
 Danger of explosion: 	Product does not present an explosion hazard.	
· Explosion limits		
Lower:	Not determined.	
Upper:	Not determined.	
· Oxidizing properties:	Non-oxidizing.	
· Vapor pressure:	Not determined.	
· Density:		
Relative density:	0.99-1.01	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
 Solubility in / Miscibility with 		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wat	er): Not determined.	
· Viscosity		
Dynamic at 25 °C (77 °F):	4000-6000 cps (DV-I, Sp#6, 100RPM, 30sec)	
Kinematic:	Not determined.	
 Other information 	No relevant information available.	

10 Stability and reactivity

- · Reactivity: No relevant information available.
- Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions
 Reacts with strong oxidizing agents.
 Reacts with strong alkali.
 Toxic fumes may be released if heated above the decomposition point.

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2B

· Conditions to avoid Excessive heat.

· Incompatible materials No relevant information available.

Hazardous decomposition products

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11 Toxicological information

Information on toxicological effects

· Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

Oral LD50 1,260 mg/kg (rat)

· Primary irritant effect:

- · On the skin: Based on available data, the classification criteria are not met.
- On the eye: Based on available data, the classification criteria are not met.

· Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

- Contains limonene. May produce an allergic reaction.
- IARC (International Agency for Research on Cancer): Present in trace quantities.

13463-67-7 titanium dioxide

• NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

· Probable route(s) of exposure:

Ingestion.

Eye contact.

Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

· Toxicity

Aquatic toxicity

68439-49-6 Polyethylene glycol 1100 mono(C16-C18) ethers

LC50 0.5 mg/l (zebra fish)

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- · Persistence and degradability No relevant information available.
- · Bioaccumulative potential: No relevant information available.
- \cdot Mobility in soil: No relevant information available.
- · Additional ecological information
- · General notes:

Negative ecological effects are, according to the current state of knowledge, not expected.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· Uncleaned packagings

• Recommendation: Disposal must be made according to official regulations.

4 Transport information	
· UN-Number · DOT, ADR, IMDG, IATA	Not regulated.
 · UN proper shipping name · DOT, ADR, IMDG, IATA 	Not regulated.
· Transport hazard class(es)	
· DOT, ADR, IMDG, IATA · Class	Not regulated.
 Packing group DOT, ADR, IMDG, IATA 	Not regulated.
 Environmental hazards Marine pollutant: 	No
· Special precautions for user	Not applicable.
 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	f Not applicable.





acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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15 Regulatory information

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Trade name: CHI Chromashine - Grass Roots

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U	·
· Safety, he	ealth and environmental regulations/legislation specific for the substance of
mixture	
 United Stat 	tes (USA)
·SARA	
	2 (extremely hazardous substances):
None of the	ingredients are listed.
	5 (extremely hazardous substances):
None of the	ingredients are listed.
	3 (Specific toxic chemical listings):
None of the	ingredients are listed.
•	ic Substances Control Act)
•	nts are listed.
	n 65 (California)
	known to cause cancer:
	to titanium dioxide is based on unbound respirable particles and is not generally applicable
product as s	
13463-67-7	titanium dioxide
	known to cause reproductive toxicity for females:
None of the	ingredients are listed.
	known to cause reproductive toxicity for males:
None of the	ingredients are listed.
· Chemicals	known to cause developmental toxicity:
None of the	ingredients are listed.
· EPA (Envir	onmental Protection Agency):
	ingredients are listed.
	national Agency for Research on Cancer):
	race quantities.
	titanium dioxide 21
	(National Institute for Occupational Safety and Health):
	race quantities.
	titanium dioxide
60676-86-0	Silica, fused
	Domestic Substances List (DSL):
	nts are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Date of preparation / last revision March 21, 2018 / -



acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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Trade name: CHI Chromashine - Grass Roots (Cont'd. of page 8) Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistant, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Sources Website, European Chemicals Agency (echa.europa.eu) Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com