



Date: 26-Feb-2018

1-IDENTIFICATION

Product name : TIGI Copyright Moisture Shampoo
Product type : Shampoo

Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Industrial uses: Uses of substances as such or in preparations at industrial sites Consumer uses: Private households (= general public = consumers) Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
1655 Waters Ridge Dr.
Lewisville TX 75057
USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
Emergency #: 800-259-8596 (24 hours)
CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

2 – HAZARDOUS IDENTIFICATION

Classification:

Classification (Regulation (EC) No 1272/2008) None
Classification (67/548/EEC, 1999/45/EC) None

Label Elements:

Hazardous products which must be listed on the label: None

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Precautionary statements:

Prevention

P264: Wash skin thoroughly after handling

Response

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P404 Store in a closed container

Disposal

P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.



3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Chemical nature: N/A
Description: Mixture

Information on Components and Impurities

Chemical Name	CAS No.	GHS Classification
This compound or any of its ingredients are not listed by OSHA as a carcinogen or potential carcinogen, nor do they have established OSHA PELs or ACGIH TLVS.		

4 – FIRST AID MEASURES

Description of necessary first-aid measures

General: If irritation develops after first aid application, in all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: If respiratory irritation occurs, remove individual to fresh air. If symptoms persist, seek medical attention.

Skin contact: If skin irritation occurs, discontinue use of product. Rinse thoroughly with water. If medical symptoms occur, get medical attention.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Do NOT induce vomiting without medical advice. Rinse mouth. Drink water as a precaution. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

5 – FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Any – will not support combustion
Unsuitable extinguishing media: None

Special hazards arising from the substance or mixture

Specific hazards during firefighting: None

Advice for firefighters

Special protective equipment: None
Special firefighting procedures: None
Hazardous Combustion Products: None

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Spilled material may present a slipping hazard.

Protective equipment: Use appropriate personal protection equipment (PPE).

Emergency procedures: None

Environmental protections: Prevent entry to sewers, public water, surface water, or soil.

Methods for Cleaning or Taking Up

SMALL SPILLS: Small or household quantities may be cleaned up and disposed of in normal household trash.
LARGE SPILLS: Large (industrial) release, prevent spill from entering waterway. Dispose of in accordance with general and local government regulations.



7 – HANDLING AND STORAGE

Handling

Advice on safe handling and usage: No special precautions necessary.

Storage

Recommended: Store in a dry area at normal temperatures.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Components	Value Type	Value	Update	Basis
N/A				

Components with workplace foreign control parameters

Components	Value Type	Value	Update	Basis
N/A				

Precautionary Statements:

None

Control Measures

Engineering measures: Avoid splashes. Apply technical measures to comply with any occupational exposure limits when applicable.

Personal protective equipment

Respiratory protection: None required with adequate ventilation

Hand protection: None

Eye protection: For industrial settings, use safety glasses or goggles if splash hazards exist.

Skin and body protection: None

Hygiene measures: Do not eat, drink or smoke when using this product.

Protective measures: The protective equipment must be selected in accordance with current standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Pearly, Sparkly Liquid
 Color: White
 Odor: Characteristic (Black Magic)
 Odor Threshold: none defined

Safety data

pH: 4.2 – 4.8
 Melting point/range: none defined
 Boiling point/boiling range: none defined
 Flash point: none defined
 Flammability (solid, gas): none defined
 Auto-ignition temperature: none defined
 Water solubility: soluble
 Solubility in other solvents: none defined
 Partition coefficient: noctanol/water: none defined
 Vapor pressure: none defined
 Evaporation rate: none defined
 Relative vapor density: none defined

TIGI®

* By Hairdressers.
For Hairdressers.

Specific Gravity@ 30°C	0.96 - 1.05
Oxidation/Reduction Potential:	none defined
Viscosity:	4,000 - 6,000cps
Explosive properties:	none defined
Thermal decomposition:	none defined
Lower explosion limit:	none defined
Upper explosion limit:	none defined

10 – STABILITY AND REACTIVITY

Chemical Stability	Stable under normal storage conditions.
Hazardous reactions	
Conditions to avoid	Prolonged, excessive heat
Materials to avoid	None known
Hazardous Decomposition Products:	None known

11 – TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity:	none defined
Acute inhalation toxicity:	none defined
Acute dermal toxicity:	none defined
Other routes of administration:	none defined
Aspiration toxicity:	none expected

Skin corrosion/irritation

Skin irritation:	overexposure may cause skin reaction such as redness
------------------	--

Serious eye damage/eye irritation

Eye irritation:	may cause redness or irritation
Respiratory or skin sensitization	
Sensitization:	non-sensitizer

Repeated dose toxicity

Repeated dose toxicity:	none defined
-------------------------	--------------

STOT

STOT - single exposure:	based on available data; this classification criteria is not met.
STOT - repeated exposure:	none known

Carcinogenicity

Carcinogenicity:	based on its components, the product does not suggest a specific alert for such an effect.
------------------	--

Mutagenicity

Genotoxicity in vitro:	based on its components, the product does not suggest a specific alert for such an effect.
Genotoxicity in vivo:	based on its components, the product does not suggest a specific alert for such an effect.

Reproductive toxicity

Reproductive toxicity:	based on its components, the product does not suggest a specific alert for such an effect.
------------------------	--



SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment

Ecotoxicity assessment: none defined

Persistence and degradability

Biodegradability: based on its components, the product is readily biodegradable.

Bioaccumulation

Bioconcentration factor (BCF): none defined

Other adverse effects

Environment assessment: none defined

13 – DISPOSAL CONSIDERATIONS

Product Disposal

Advice on Disposal: For industrial release, do not release into sewers, on the ground or into any body of water. All disposal methods must be in compliance with all national, provincial and local laws and regulations. Disposal, characterization and compliance with applicable laws are the responsibility solely of the waste generator. Regulations and laws may vary in different locations.

14 – TRANSPORTATION INFORMATION

Transport Hazard Class: Not classified as dangerous for transport

Marine Pollutant: No

Special Precautions for User: None known

European Class:

ADR	not regulated
RID	not regulated
IMDG	not regulated
IATA	not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

SECTION 15 – REGULATORY INFORMATION

FOR TOPICAL COSMETIC USE ONLY

State Regulations:

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200(d), this SDS contains valuable information critical to the safe handling and proper use of the product.

Follow all regulations in your country or region. ActiTech, L.P., Inc is unable to confirm all regulatory information in regard to the substances in your country or region, and this information is subject to change without notice.



16 – OTHER INFORMATION

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	0

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



Date: 26-Feb-2018

1-IDENTIFICATION

Product name : TIGI Copyright Moisture Conditioner
Product type : Conditioner

Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Industrial uses: Uses of substances as such or in preparations at industrial sites Consumer uses: Private households (= general public = consumers) Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
1655 Waters Ridge Dr.
Lewisville TX 75057
USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
Emergency #: 800-259-8596 (24 hours)
CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

2 – HAZARDOUS IDENTIFICATION

Classification (Regulation (EC) No 1272/2008) None
Classification (67/548/EEC, 1999/45/EC) None

Label Elements:

Hazardous products which must be listed on the label: None

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Precautionary statements:

Prevention

P264: Wash skin thoroughly after handling

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P404 Store in a closed container

Disposal

P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.



3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Chemical nature: N/A
Description: Mixture

Information on Components and Impurities

Chemical Name	CAS No.	GHS Classification
This compound or any of its ingredients are not listed by OSHA as a carcinogen or potential carcinogen, nor do they have established OSHA PELs or ACGIH TLVS.		

4 – FIRST AID MEASURES

Description of necessary first-aid measures

General: If irritation develops after first aid application, in all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: If respiratory irritation occurs, remove individual to fresh air. If symptoms persist, seek medical attention.

Skin contact: If skin irritation occurs, discontinue use of product. Rinse thoroughly with water. If medical symptoms occur, get medical attention.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Do NOT induce vomiting without medical advice. Rinse mouth. Drink water as a precaution. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

5 – FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Any – will not support combustion
Unsuitable extinguishing media: None

Special hazards arising from the substance or mixture

Specific hazards during firefighting: None

Advice for firefighters

Special protective equipment: None
Special firefighting procedures: None
Hazardous Combustion Products: None



6 – ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Spilled material may present a slipping hazard.
- Protective equipment:** Use appropriate personal protection equipment (PPE).
- Emergency procedures:** None
- Environmental protections:** Prevent entry to sewers, public water, surface water, or soil.

Methods for Cleaning or Taking Up

SMALL SPILLS: Small or household quantities may be cleaned up and disposed of in normal household trash.

LARGE SPILLS: Large (industrial) release, prevent spill from entering waterway. Dispose of in accordance with general and local government regulations.

7 – HANDLING AND STORAGE

Handling

Advice on safe handling and usage: No special precautions necessary.

Storage

Recommended: Store in a dry area at normal temperatures.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Components	Value Type	Value	Update	Basis
N/A				

Components with workplace foreign control parameters

Components	Value Type	Value	Update	Basis
N/A				

Precautionary Statements: None

Control Measures

Engineering measures: Avoid splashes. Apply technical measures to comply with any occupational exposure limits when applicable.

Personal protective equipment

Respiratory protection: None required with adequate ventilation

Hand protection: None

Eye protection: For industrial settings, use safety glasses or goggles if splash hazards exist.

Skin and body protection: None

Hygiene measures: Do not eat, drink or smoke when using this product.

Protective measures: The protective equipment must be selected in accordance with current standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form:	Thick Cream
Color:	White
Odor:	Characteristic (Black Magic)
Odor Threshold:	none defined

Safety data

pH:	4.0 - 5.5
Melting point/range:	none defined
Boiling point/boiling range:	none defined
Flash point:	none defined
Flammability (solid, gas):	none defined
Auto-ignition temperature:	none defined
Water solubility:	soluble
Solubility in other solvents:	none defined
Partition coefficient: octanol/water:	none defined
Vapor pressure:	none defined
Evaporation rate:	none defined
Relative vapor density:	none defined
Specific Gravity@ 30°C:	0.965 - 1.00
Oxidation/Reduction Potential:	none defined
Viscosity:	150,000 – 450,000 cps
Explosive properties:	none defined
Thermal decomposition:	none defined
Lower explosion limit:	none defined
Upper explosion limit:	none defined

10 – STABILITY AND REACTIVITY

Chemical Stability Stable under normal storage conditions.

Hazardous reactions

Conditions to avoid	Prolonged, excessive heat
Materials to avoid	None known

Hazardous Decomposition Products: None known

11 – TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity:	none defined
Acute inhalation toxicity:	none defined
Acute dermal toxicity:	none defined
Other routes of administration:	none defined
Aspiration toxicity:	none expected

Skin corrosion/irritation

Skin irritation: overexposure may cause skin reaction such as redness

Serious eye damage/eye irritation

Eye irritation: may cause redness or irritation

TIGI®

* By Hairdressers.
For Hairdressers.

Respiratory or skin sensitization

Sensitization: non-sensitizer

Repeated dose toxicity

Repeated dose toxicity: none defined

STOT

STOT - single exposure: based on available data; this classification criteria is not met.
STOT - repeated exposure: none known

Carcinogenicity

Carcinogenicity: based on its components, the product does not suggest a specific alert for such an effect.

Mutagenicity

Genotoxicity in vitro: based on its components, the product does not suggest a specific alert for such an effect.
Genotoxicity in vivo: based on its components, the product does not suggest a specific alert for such an effect.

Reproductive toxicity

Reproductive toxicity: based on its components, the product does not suggest a specific alert for such an effect.

12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment

Ecotoxicity assessment: none defined

Persistence and degradability

Biodegradability: based on its components, the product is readily biodegradable.

Bioaccumulation

Bioconcentration factor (BCF): none defined

Other adverse effects

Environment assessment: none defined

13 – DISPOSAL CONSIDERATIONS

Product Disposal

Advice on Disposal: For industrial release, do not release into sewers, on the ground or into any body of water. All disposal methods must be in compliance with all national, provincial and local laws and regulations. Disposal, characterization and compliance with applicable laws are the responsibility solely of the waste generator. Regulations and laws may vary in different locations.

14 – TRANSPORTATION INFORMATION

Transport Hazard Class: Not classified as dangerous for transport

Marine Pollutant: No

Special Precautions for User: None known

European Class:

ADR not regulated
RID not regulated
IMDG not regulated
IATA not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.



15 – REGULATORY INFORMATION

FOR TOPICAL COSMETIC USE ONLY

State Regulations:

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200(d), this SDS contains valuable information critical to the safe handling and proper use of the product.

SECTION 16 – OTHER INFORMATION

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	0

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Safety Data Sheet

TIG Copyright Repair Shampoo



SECTION 1 - IDENTIFICATION

Product name : TIGI Copyright Repair Shampoo
Product type : Hair Shampoo

Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Industrial uses: Uses of substances as such or in preparations at industrial sites
Consumer uses: Private households (= general public = consumers)
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
1655 Waters Ridge Dr.
Lewisville TX 75057
USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
Emergency #: 800-259-8596 (24 hours)
CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

SECTION 2 - HAZARDOUS IDENTIFICATION

Classification:

Classification (Regulation (EC) No 1272/2008) None
Classification (67/548/EEC, 1999/45/EC) None

Label Elements:

Hazardous products which must be listed on the label: None

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Precautionary statements:

Prevention

P264: Wash skin thoroughly after handling

Response

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P404 Store in a closed container

Disposal

P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Chemical nature: N/A
Description: Mixture

Information on Components and Impurities

Chemical Name	CAS No.	GHS Classification
This compound or any of its ingredients are not listed by OSHA as a carcinogen or potential carcinogen, nor do they have established OSHA PELs or ACGIH TLVS.		

SECTION 4 – FIRST AID MEASURES

Description of necessary first-aid measures

General: If irritation develops after first aid application, in all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: If respiratory irritation occurs, remove individual to fresh air. If symptoms persist, seek medical attention.

Skin contact: If skin irritation occurs, discontinue use of product. Rinse thoroughly with water. If medical symptoms occur, get medical attention.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Do NOT induce vomiting without medical advice. Rinse mouth. Drink water as a precaution. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Any – will not support combustion
Unsuitable extinguishing media: None

Special hazards arising from the substance or mixture

Specific hazards during firefighting: None

Advice for firefighters

Special protective equipment: None
Special firefighting procedures: None
Hazardous Combustion Products: None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Spilled material may present a slipping hazard.

Protective equipment: Use appropriate personal protection equipment (PPE).

Emergency procedures: None

Environmental protections: Prevent entry to sewers, public water, surface water, or soil.

Methods for Cleaning or Taking Up

SMALL SPILLS: Small or household quantities may be cleaned up and disposed of in normal household trash.
LARGE SPILLS: Large (industrial) release, prevent spill from entering waterway. Dispose of in accordance with general and local government regulations.

SECTION 7 – HANDLING AND STORAGE

Handling

Advice on safe handling and usage: No special precautions necessary.

Storage

Recommended: Store in a dry area at normal temperatures.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Components	Value Type	Value	Update	Basis
N/A				

Components with workplace foreign control parameters

Components	Value Type	Value	Update	Basis
N/A				

Precautionary Statements: None

Control Measures

Engineering measures: Avoid splashes. Apply technical measures to comply with any occupational exposure limits when applicable.

Personal protective equipment

Respiratory protection: None required with adequate ventilation

Hand protection: None

Eye protection: For industrial settings, use safety glasses or goggles if splash hazards exist.

Skin and body protection: None

Hygiene measures: Do not eat, drink or smoke when using this product.

Protective measures: The protective equipment must be selected in accordance with current standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Pearly, Sparkly Liquid
 Color: White
 Odor: Characteristic (Black Magic)
 Odor Threshold: none defined

Safety data

pH: 4.2 – 4.8
 Melting point/range: none defined
 Boiling point/boiling range: none defined
 Flash point: none defined
 Flammability (solid, gas): none defined
 Auto-ignition temperature: none defined
 Water solubility: soluble
 Solubility in other solvents: none defined
 Partition coefficient: noctanol/water: none defined
 Vapor pressure: none defined
 Evaporation rate: none defined
 Relative vapor density: none defined
 Specific Gravity@ 30°C: 0.98 - 1.05
 Oxidation/Reduction Potential: none defined
 Viscosity: 4,000 - 6,000cps
 Explosive properties: none defined
 Thermal decomposition: none defined
 Lower explosion limit: none defined
 Upper explosion limit: none defined

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability Stable under normal storage conditions.

Safety Data Sheet

TIG Copyright Repair Shampoo



Hazardous reactions

Conditions to avoid Prolonged, excessive heat
Materials to avoid None known

Hazardous Decomposition Products: None known

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity: none defined
Acute inhalation toxicity: none defined
Acute dermal toxicity: none defined
Other routes of administration: none defined
Aspiration toxicity: none expected

Skin corrosion/irritation

Skin irritation: overexposure may cause skin reaction such as redness

Serious eye damage/eye irritation

Eye irritation: may cause redness or irritation

Respiratory or skin sensitization

Sensitization: non-sensitizer

Repeated dose toxicity

Repeated dose toxicity: none defined

STOT

STOT - single exposure: based on available data; this classification criteria is not met.
STOT - repeated exposure: none known

Carcinogenicity

Carcinogenicity: based on its components, the product does not suggest a specific alert for such an effect.

Mutagenicity

Genotoxicity in vitro: based on its components, the product does not suggest a specific alert for such an effect.
Genotoxicity in vivo: based on its components, the product does not suggest a specific alert for such an effect.

Reproductive toxicity

Reproductive toxicity: based on its components, the product does not suggest a specific alert for such an effect.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment

Ecotoxicity assessment: none defined

Persistence and degradability

Biodegradability: based on its components, the product is readily biodegradable.

Bioaccumulation

Bioconcentration factor (BCF): none defined

Other adverse effects

Environment assessment: none defined

SECTION 13 – DISPOSAL CONSIDERATIONS

Product Disposal

Advice on Disposal: For industrial release, do not release into sewers, on the ground or into any body of water. All disposal methods must be in compliance with all national, provincial and local laws and regulations. Disposal, characterization and compliance with applicable laws are the responsibility solely of the waste generator. Regulations and laws may vary in different locations.

SECTION 14 – TRANSPORTATION INFORMATION

Transport Hazard Class: Not classified as dangerous for transport

Marine Pollutant: No

Safety Data Sheet

TIG Copyright Repair Shampoo



Special Precautions for User: None known

European Class:

ADR	not regulated
RID	not regulated
IMDG	not regulated
IATA	not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

SECTION 15 – REGULATORY INFORMATION

FOR TOPICAL COSMETIC USE ONLY

State Regulations:

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200(d), this SDS contains valuable information critical to the safe handling and proper use of the product.

Follow all regulations in your country or region. We are unable to confirm all regulatory information in regard to the substances in your country or region, and this information is subject to change without notice.

SECTION 16 – OTHER INFORMATION

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	0

The information provided in this Safety Data Sheet is accurate to the best of our knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application of the product, they must ensure that proper personal protective equipment (PPE) is provided consistent with the information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity with all regulations linked to its activity.

Safety Data Sheet

TIGI Copyright Repair Conditioner



SECTION 1 - IDENTIFICATION

Product name : TIGI Copyright Repair Conditioner
Product type : Hair Conditioner

Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Industrial uses: Uses of substances as such or in preparations at industrial sites
Consumer uses: Private households (= general public = consumers)
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
1655 Waters Ridge Dr.
Lewisville TX 75057
USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
Emergency #: 800-259-8596 (24 hours)
CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

SECTION 2 - HAZARDOUS IDENTIFICATION

Classification:

Classification (Regulation (EC) No 1272/2008) : None
Classification (67/548/EEC, 1999/45/EC) : None

Label Elements:

Hazardous products which must be listed on the label: : None

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Precautionary statements:

Prevention

P264: Wash skin thoroughly after handling

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P404 Store in a closed container

Disposal

P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Chemical nature: N/A
 Description: Mixture

Information on Components and Impurities

Chemical Name	CAS No.	GHS Classification
This compound or any of its ingredients are not listed by OSHA as a carcinogen or potential carcinogen, nor do they have established OSHA PELs or ACGIH TLVS.		

SECTION 4 – FIRST AID MEASURES

Description of necessary first-aid measures

General: If irritation develops after first aid application, in all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: If respiratory irritation occurs, remove individual to fresh air. If symptoms persist, seek medical attention.

Skin contact: If skin irritation occurs, discontinue use of product. Rinse thoroughly with water. If medical symptoms occur, get medical attention.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Do NOT induce vomiting without medical advice. Rinse mouth. Drink water as a precaution. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Any – will not support combustion
 Unsuitable extinguishing media: None

Special hazards arising from the substance or mixture

Specific hazards during firefighting: None

Advice for firefighters

Special protective equipment: None
 Special firefighting procedures: None
 Hazardous Combustion Products: None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Spilled material may present a slipping hazard.

Protective equipment: Use appropriate personal protection equipment (PPE).

Emergency procedures: None

Environmental protections: Prevent entry to sewers, public water, surface water, or soil.

Methods for Cleaning or Taking Up

SMALL SPILLS: Small or household quantities may be cleaned up and disposed of in normal household trash.
 LARGE SPILLS: Large (industrial) release, prevent spill from entering waterway. Dispose of in accordance with general and local government regulations.

SECTION 7 – HANDLING AND STORAGE

Handling

Advice on safe handling and usage: No special precautions necessary.

Storage

Recommended: Store in a dry area at normal temperatures.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Safety Data Sheet

TIGI Copyright Repair Conditioner



Components with workplace control parameters

Components	Value Type	Value	Update	Basis
N/A				

Components with workplace foreign control parameters

Components	Value Type	Value	Update	Basis
N/A				

Precautionary Statements: None

Control Measures

Engineering measures: Avoid splashes. Apply technical measures to comply with any occupational exposure limits when applicable.

Personal protective equipment

Respiratory protection: None required with adequate ventilation

Hand protection: None

Eye protection: For industrial settings, use safety glasses or goggles if splash hazards exist.

Skin and body protection: None

Hygiene measures: Do not eat, drink or smoke when using this product.

Protective measures: The protective equipment must be selected in accordance with current standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Thick Cream
Color: White
Odor: Characteristic (Black Magic)
Odor Threshold: none defined

Safety data

pH: 3.2 – 3.8
Melting point/range: none defined
Boiling point/boiling range: none defined
Flash point: none defined
Flammability (solid, gas): none defined
Auto-ignition temperature: none defined
Water solubility: soluble
Solubility in other solvents: none defined
Partition coefficient: noctanol/water: none defined
Vapor pressure: none defined
Evaporation rate: none defined
Relative vapor density: none defined
Specific Gravity@ 30°C: 0.94 - 1.03
Oxidation/Reduction Potential: none defined
Viscosity: 150,000 – 450,000 cps
Explosive properties: none defined
Thermal decomposition: none defined
Lower explosion limit: none defined
Upper explosion limit: none defined

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal storage conditions.

Hazardous reactions

Conditions to avoid: Prolonged, excessive heat

Safety Data Sheet

TIGI Copyright Repair Conditioner



Materials to avoid None known

Hazardous Decomposition Products: None known

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity: none defined
Acute inhalation toxicity: none defined
Acute dermal toxicity: none defined
Other routes of administration: none defined
Aspiration toxicity: none expected

Skin corrosion/irritation

Skin irritation: overexposure may cause skin reaction such as redness

Serious eye damage/eye irritation

Eye irritation: may cause redness or irritation

Respiratory or skin sensitization

Sensitization: non-sensitizer

Repeated dose toxicity

Repeated dose toxicity: none defined

STOT

STOT - single exposure: based on available data; this classification criteria is not met.
STOT - repeated exposure: none known

Carcinogenicity

Carcinogenicity: based on its components, the product does not suggest a specific alert for such an effect.

Mutagenicity

Genotoxicity in vitro: based on its components, the product does not suggest a specific alert for such an effect.
Genotoxicity in vivo: based on its components, the product does not suggest a specific alert for such an effect.

Reproductive toxicity

Reproductive toxicity: based on its components, the product does not suggest a specific alert for such an effect.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment

Ecotoxicity assessment: none defined

Persistence and degradability

Biodegradability: based on its components, the product is readily biodegradable.

Bioaccumulation

Bioconcentration factor (BCF): none defined

Other adverse effects

Environment assessment: none defined

SECTION 13 – DISPOSAL CONSIDERATIONS

Product Disposal

Advice on Disposal: For industrial release, do not release into sewers, on the ground or into any body of water. All disposal methods must be in compliance with all national, provincial and local laws and regulations. Disposal, characterization and compliance with applicable laws are the responsibility solely of the waste generator. Regulations and laws may vary in different locations.

SECTION 14 – TRANSPORTATION INFORMATION

Transport Hazard Class: Not classified as dangerous for transport

Marine Pollutant: No

Special Precautions for User: None known

Safety Data Sheet

TIGI Copyright Repair Conditioner



European Class:

ADR	not regulated
RID	not regulated
IMDG	not regulated
IATA	not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

SECTION 15 – REGULATORY INFORMATION FOR TOPICAL COSMETIC USE ONLY

State Regulations:

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200(d), this SDS contains valuable information critical to the safe handling and proper use of the product.

Follow all regulations in your country or region. We are unable to confirm all regulatory information in regard to the substances in your country or region, and this information is subject to change without notice.

SECTION 16 – OTHER INFORMATION

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	0

The information provided in this Safety Data Sheet is accurate to the best of our knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application of the product, they must ensure that proper personal protective equipment (PPE) is provided consistent with the information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity with all regulations linked to its activity.



SAFETY DATA SHEET

Date: 26-Feb-2018

1. Identification

Product name : TIGI Copyright Colour Shampoo
Product type : shampoo

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Industrial uses: Uses of substances as such or in preparations at industrial sites
Consumer uses: Private households (= general public = consumers)
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
1655 Waters Ridge Dr.
Lewisville TX 75057
USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
Emergency #: 800-259-8596 (24 hours)
CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

SECTION 2. HAZARD IDENTIFICATION

This is a personal care / cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use and is exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This safety data sheet (SDS) is being provided as a courtesy to help assist in the safe handling and proper use of the product for industrial workplace conditions in response to a customer request.

Classification

Eye Irritation: 2B

Label Elements

Hazard Symbol: None
Signal Word: WARNING
Hazard Statement: Causes eye irritation

Precautionary statement

General: **Read label before use**
Prevention: Wash thoroughly after handling
Response: IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage: None
Disposal: None



Hazard(s) not otherwise classified (HNOC): None
Supplemental Information: None

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

<u>CHEMICAL NAME</u>	<u>CAS NO.</u>	<u>CONCENTRATION (%)</u>
Sodium Lauryl Sulfoacetate	1847-58-1	1 – 5
Cocamidopropyl Betaine	61789-40-0	1 – 5
Sodium Cocoyl Isethionate	61789-32-0/58969-27-0	5 – 10

SECTION 4. FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. Get medical attention if symptoms persist.
Skin contact: Wash off with warm water and soap. Get medical attention if symptoms persist.
Eye contact: Flush with plenty of water, if irritation persists, get medical attention.
Ingestion: Do not induce vomiting. Drink plenty of water. Get prompt medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Water, Water Spray or fog, Foam, Sand/Earth, Carbon Dioxide (CO₂)

Specific hazards arising from the chemical:
No information available.

Hazardous combustion products
Carbon oxides

Protective equipment and precautions for firefighters:
As in any fire, wear NIOSH approved self-contained breathing apparatus and protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:
Absorb spilled material with inert material such as sawdust, sand, or earth then place in a sealed container for chemical waste.

Environmental precautions:
Avoid discharge into drains, water courses or onto the ground.



SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:
Use as directed. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities:
Store tightly closed in a dry and cool place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines:

- Exposure guidelines are not relevant when used as intended in a household setting.

Appropriate engineering controls

Engineering measures: General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Workplace and/or Household Settings:

Eye and Face Protection: No special protective equipment required.

Skin and Body Protection: No special protective equipment required.

Respiratory Protection: No special protective equipment required.

Manufacturing Plant: Use protective gloves and appropriate eye protection. In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Gold, pearly viscous liquid
Odor:	Characteristic
Odor threshold:	No information available
pH:	5.5 – 6.5
Melting Point/freezing point:	No information available
Initial boiling point and boiling range:	No information available
Flash point:	N/A
Evaporation rate:	No information available

Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Specific gravity:	1.028 – 1.038
Solubility in water:	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity:	4,000 – 6,000 cps RV#5@20 rpm

SECTION 10. STABILITY AND REACTIVITY

Reactivity:

No data available

Stability:

Stable under normal conditions.

Possibility of hazardous reactions:

None known.

Conditions to avoid:

None under normal conditions.

Incompatible materials:

None known.

Hazardous decomposition products:

May produce oxides of carbon

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of exposure:

Skin contact, Eye contact

Information on likely routes of exposure

Ingestion:

May be harmful if swallowed.

Inhalation:

No adverse effects are expected.

Skin contact:

No adverse effects are expected.

Eye contact:

Irritating to eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects



Acute toxicity	No adverse effects are expected.
Skin corrosion/irritation	Not classified as a skin corrosive or irritant.
Serious eye damage/eye irritation	Irritating to eyes.
Respiratory sensitization	Not expected to cause respiratory sensitization.
Skin sensitization	Not expected to cause skin sensitization.
Germ Cell mutagenicity	No data available.
Mutagenicity	No data available.
Carcinogenicity	Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	Not expected to cause reproductive effects.
Teratogenicity	No data available.
Specific target organ toxicity- single exposure	No data available.
Specific target organ toxicity- repeated exposure	No data available.
Aspiration hazard	No data available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

This product is not expected to be hazardous to the environment. However, large spills can have a harmful effect on the environment.

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Collect and dispose of in accordance with Federal, State and Local laws and regulations.

SECTION 14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)
Not regulated as dangerous goods.

SECTION 15. REGULATORY INFORMATION

TSCA: not applicable
SARA, Title III, Section 313: not applicable
CALIFORNIA PROPOSITION 65: not applicable

SECTION 16. OTHER INFORMATION

Supersedes: none

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



SAFETY DATA SHEET

Date: 26-Feb-2018

1. Identification

Product name : TIGI Copyright Colour Conditioner
Product type : Conditioner

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Industrial uses: Uses of substances as such or in preparations at industrial sites
Consumer uses: Private households (= general public = consumers)
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
1655 Waters Ridge Dr.
Lewisville TX 75057
USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
Emergency #: 800-259-8596 (24 hours)
CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

2 HAZARDS IDENTIFICATION

Note: This product is a cosmetic product and is labeled in accordance with the FDA and not OSHA regulations. The FDA requirements for the labeling of cosmetics take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.

GHS/HAZCOM 2012 Classification:

Health	Physical
Eye Irritation Category 2A	Not Hazardous

Label Elements



WARNING!

H319 Causes serious eye irritation.

P264 Wash thoroughly after handling.

P280 Wear eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical attention.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS#	PERCENT
Stearamidopropyl dimethylamine	7651-02-7	1-2
Glycerin	56-81-5	1-2
Mineral Oil	8012-95-1	1-2

The exact concentrations are a trade secret.

4 FIRST AID MEASURES

- Eye Contact:** Flush the eyes with large amounts of water for 15 minutes, while holding the eyelids open to assure that the entire surface is flushed. Get medical attention if irritation persists.
- Skin Contact:** None needed under normal use conditions. If irritation develops, discontinue use, wash skin with water. Get medical attention if irritation persists.
- Inhalation:** None needed under normal use conditions. If irritation develops, move to fresh air. Get medical attention if irritation persists.
- Ingestion:** If large amounts are swallowed, seek medical advice.

Most important symptoms: Contact causes eye irritation. May cause mild skin irritation in some individuals. Inhalation of mists may cause mild respiratory irritation.

Indication of immediate medical attention and special treatment, if needed: None expected.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Use any media appropriate for the surrounding fire.

Specific hazards arising from the chemical: None known. This product is not classified as flammable or combustible. Thermal decomposition releases oxides of carbon.

Special firefighting procedures: Firefighters should wear self-contained breathing apparatus and full protective clothing.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Keep unnecessary personnel away.



Ventilate the area. Do not touch or walk through spilled material. Wear protective equipment as directed in Section 8 of this SDS.

Methods and materials for containment / clean up: Stop flow of material, if this is without risk.
 Large spills: Dike far ahead of liquid spill for later disposal. Soak up with inert material and place in suitable containers for disposal.
 Small spills: Wipe up with absorbent material and place in suitable for disposal.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Should not be released into the environment.

7 HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with the eyes. Use in accordance with package instructions.

Conditions for safe storage, including any incompatibilities:
 Follow storage instructions on the product label. Keep out of the reach of children.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines:

Component	Exposure Limits
Stearamidopropyl dimethylamine	None Established
Glycerin	15 mg/m ³ TWA OSHA PEL (Total dust) 5 mg/m ³ TWA OSHA PEL (Respirable fraction)
Mineral Oil	5 mg/m ³ TWA ACGIH TLV (Inhalable) 5 mg/m ³ TWA OSHA PEL (As oil mist)

Engineering Controls: General room ventilation sufficient under normal use conditions

Personal protective equipment

Respiratory protection: None required under normal use conditions.

Hand protection: None required under normal use conditions.
 Applicable for industrial settings only: Protective gloves.

Eye Protection: None required under normal use conditions.
 Applicable for industrial settings only: Wear chemical goggles.

Skin and body protection: None required under normal use conditions.
 Applicable for industrial settings only: Use personal protective equipment as required.

Hygiene measures: Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Opaque cream.
Color: White
Form: Liquid
Odor: Characteristic
Melting/Freezing Point: Not determined
Boiling Point / Range: Not determined
Percent Volatile: >85%
Evaporation Rate: Not determined
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility: Not determined
Partition Coefficient (n-octanol/water): Not determined



pH:	4.5 – 5.5
Relative Density:	0.96 – 1.00
Viscosity:	150,000 – 450,000 cps RVT B @ 0.5 RPM/ 60 sec @ 30 degrees C
VOC:	Not determined
Autoignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Flash Point:	Not determined
Flammability (Solid, Gas):	Not applicable
Flammability Limits:	
LEL:	Not determined
UEL:	Not determined

10 STABILITY AND REACTIVITY

Reactivity:	Non-reactive
Chemical stability:	Stable
Possibility of hazardous reactions:	Will not occur.
Conditions to avoid:	None
Incompatible materials:	Strong oxidizers.
Hazardous decomposition products:	Oxides of carbon.

11 TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

Inhalation:	Inhalation of mists may cause mild respiratory irritation.
Skin Contact:	May cause mild irritation.
Eye Contact:	Contact causes irritation.
Ingestion:	Ingestion may cause gastro-intestinal irritation, nausea, vomiting, and diarrhea.
Chronic Effects:	None expected.
Carcinogenicity:	None of the components of this product is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

ACUTE TOXICITY VALUES:

No data for product.	
Stearamidopropyl Dimethylamine:	
LD50 Oral rat	>2,000 mg/kg
LD50 Dermal rabbit	>2,000 mg/kg
Glycerin: LD50 Oral Rat	27,200 mg/kg
Mineral Oil:	
LD50 Oral Rat	>5,000 mg/kg
LD50 Dermal Rabbit	>2,000 mg/kg

12 ECOLOGICAL INFORMATION

Ecotoxicity:	
Stearamidopropyl Dimethylamine:	
LC50 Oncorhynchus mykiss (Rainbow trout)	>0.1-<1.0 mg/L/96 hr.
EC50: Daphnia Magna:	0.38 mg/L/48 hr.
Glycerin:	
LC50 Oncorhynchus mykiss (Rainbow trout)	54,000 mg/L/96 hr.
EC50 Daphnia Magna:	1,955 mg/L/48 hr.



Persistence and Degradability:

Stearamidopropyl Dimethylamine: 88% in 28 days: Readily biodegradable
Glycerin: Readily bio-degradable.

Bio-accumulative Potential:

Mineral Oil: Some bioaccumulation potential for some of Mineral Paraffin Oil components.

Mobility in Soil:

Mineral Oil: Mineral Paraffin Oil components are likely to be adsorbed onto soil and sediment and are not likely to leach to the ground water.

Other Adverse Effects: None

13 DISPOSAL CONSIDERATIONS

Disposal instructions: For Consumer Use – Empty containers may be offered for recycling or discarded with house hold trash.
Applicable for industrial settings only: Dispose of product in accordance with all local, state/provincial and federal regulations.

Contaminated packaging: Offer rinsed packaging material to local recycling facilities.

14 TRANSPORT INFORMATION

Not regulated for transportation by DOT, IATA/ICAO or IMDG.

15 REGULATORY INFORMATION

SARA 311/312: Hazard Categories for SARA 311/312 Reporting: Classified as per OSHA GHS classification in Section 2 of this SDS.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Section 313(40 CFR372): None

CERCLA Section 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements as it is sold, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

16 OTHER INFORMATION

NFPA Rating: Health: 2 Fire: 0 Instability: 0
HMIS Rating: Health: 2 Fire: 0 Physical Hazard: 0

Date of Current Revision: 04/25/2018

Revision Summary: New SDS

Date of Previous Revision: N/A

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



SAFETY DATA SHEET

Date: 26-Feb-2018

1. Identification

Product name : TIGI Copyright Colour Lustre Oil
 Product type : Styling

Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Industrial uses: Uses of substances as such or in preparations at industrial sites
Consumer uses: Private households (= general public = consumers)
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
 1655 Waters Ridge Dr.
 Lewisville TX 75057
 USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
 Emergency #: 800-259-8596 (24 hours)
 CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

SECTION 2. HAZARD IDENTIFICATION

This is a personal care / cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use and is exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This safety data sheet (SDS) is being provided as a courtesy to help assist in the safe handling and proper use of the product for industrial workplace conditions in response to a customer request.

Classification

Flammable liquid: Category 4 (Bulk)

Label Elements

Hazard Symbol:	None
Signal Word:	WARNING
Hazard Statement:	Combustible liquid
Precautionary statement	
General:	Read label before use.
Prevention:	Wash thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Response:	If in eyes: rinse with plenty of water. If eye irritation persists, get medical advice.
Storage:	Keep cool. Store in a well-ventilated place.
Disposal:	Dispose of contents/container to an approved waste disposal plant.
Hazard(s) not otherwise classified (HNOC):	None
Supplemental Information:	None



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

<u>CHEMICAL NAME</u>	<u>CAS NO.</u>	<u>CONCENTRATION (%)</u>
Decamethylcyclopentasiloxane	541-02-6	50 – 75
Isohexadecane	4390-04-9	10 - 15

SECTION 4. FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. Get medical attention if symptoms persist.
Skin contact: Wash off with warm water and soap. Get medical attention if symptoms persist.
Eye contact: Flush with plenty of water, if irritation persists, get medical attention.
Ingestion: Do not induce vomiting. Drink plenty of water. Get prompt medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Water, Water Spray or fog, Foam, Sand/Earth

Specific hazards arising from the chemical:
No information available.

Hazardous combustion products
Carbon oxides, silicon oxides

Protective equipment and precautions for firefighters:
As in any fire, wear NIOSH approved self-contained breathing apparatus and protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:
Absorb spilled material with inert material such as sawdust, sand, or earth then place in a sealed container for chemical waste.

Environmental precautions:
Avoid discharge into drains, water courses or onto the ground.



SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:
Use as directed. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities:
Store tightly closed in a dry and cool place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines:

- Exposure guidelines are not relevant when used as intended in a household setting.

Appropriate engineering controls

Engineering measures: General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Workplace and/or Household Settings:

Eye and Face Protection: No special protective equipment required.

Skin and Body Protection: No special protective equipment required.

Respiratory Protection: No special protective equipment required.

Manufacturing Plant: Use protective gloves and appropriate eye protection. In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow, transparent liquid
Odor:	Characteristic
Odor threshold:	No information available
pH:	No information available
Melting Point/freezing point:	No information available
Initial boiling point and boiling range:	No information available
Flash point:	>140°F and <199.4°F (expected)

Evaporation rate:	No information available
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Specific gravity:	0.922 – 0.932
Solubility in water:	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity:	300 - 700 cps RVF#3@20 rpm

SECTION 10. STABILITY AND REACTIVITY

Reactivity:

No data available

Stability:

Stable under normal conditions.

Possibility of hazardous reactions:

None known.

Conditions to avoid:

Heat, flames and sparks

Incompatible materials:

Oxidizing agents

Hazardous decomposition products:

May produce oxides of carbon

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of exposure:

Skin contact

Information on likely routes of exposure

Ingestion:

May be harmful if swallowed.

Inhalation:

No adverse effects are expected.

Skin contact:

No adverse effects are expected.

Eye contact:

Irritating to eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.



Information on toxicological effects

Acute toxicity	No adverse effects are expected.
Skin corrosion/irritation	Not classified as a skin corrosive or irritant.
Serious eye damage/eye irritation	Irritating to eyes.
Respiratory sensitization	Not expected to cause respiratory sensitization.
Skin sensitization	Not expected to cause skin sensitization.
Germ Cell mutagenicity	No data available.
Mutagenicity	No data available.
Carcinogenicity	Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	Not expected to cause reproductive effects.
Teratogenicity	No data available.
Specific target organ toxicity- single exposure	No data available.
Specific target organ toxicity- repeated exposure	No data available.
Aspiration hazard	No data available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

This product is not expected to be hazardous to the environment. However, large spills can have a harmful effect on the environment.

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Collect and dispose of in accordance with Federal, State and Local laws and regulations.

SECTION 14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)

UN/ID/NA:	NA1993
Proper Shipping Name:	Combustible Liquid, N.O.S. (Decamethylcyclopentasiloxane)
Class:	CBL
Packing group:	III
Labels:	None
Remarks:	Above only applies to containers over 119 gallons. Not regulated if shipped in packages less than or equal to 119 gallons.

SECTION 15. REGULATORY INFORMATION

TSCA: not applicable
SARA, Title III, Section 313: not applicable
CALIFORNIA PROPOSITION 65: not applicable

SECTION 16. OTHER INFORMATION

Supersedes: none

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



SAFETY DATA SHEET

Date: 26-Feb-2018

1. Identification

Product name : TIGI Copyright Volume Shampoo
Product type : Shampoo

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Industrial uses: Uses of substances as such or in preparations at industrial sites
Consumer uses: Private households (= general public = consumers)
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
1655 Waters Ridge Dr.
Lewisville TX 75057
USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
Emergency #: 800-259-8596 (24 hours)
CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

SECTION 2. HAZARD IDENTIFICATION

This is a personal care / cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use and is exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This safety data sheet (SDS) is being provided as a courtesy to help assist in the safe handling and proper use of the product for industrial workplace conditions in response to a customer request.

Classification

Eye Irritation: 2B

Label Elements

Hazard Symbol:	None
Signal Word:	WARNING
Hazard Statement:	Causes eye irritation
Precautionary statement	
General:	Read label before use
Prevention:	Wash thoroughly after handling
Response:	IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage:	None
Disposal:	None
Hazard(s) not otherwise classified (HNOC):	None
Supplemental Information:	None



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

<u>CHEMICAL NAME</u>	<u>CAS NO.</u>	<u>CONCENTRATION (%)</u>
Sodium Laureth Sulfate	3083-31-1; 68585-34-2	10 – 15
Cocamidopropyl Betaine	61789-40-0	1 – 5

SECTION 4. FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. Get medical attention if symptoms persist.
Skin contact: Wash off with warm water and soap. Get medical attention if symptoms persist.
Eye contact: Flush with plenty of water, if irritation persists, get medical attention.
Ingestion: Do not induce vomiting. Drink plenty of water. Get prompt medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Water, Water Spray or fog, Foam, Sand/Earth, Carbon Dioxide (CO₂)

Specific hazards arising from the chemical:
No information available.

Hazardous combustion products
Carbon oxides

Protective equipment and precautions for firefighters:
As in any fire, wear NIOSH approved self-contained breathing apparatus and protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:
Absorb spilled material with inert material such as sawdust, sand, or earth then place in a sealed container for chemical waste.

Environmental precautions:
Avoid discharge into drains, water courses or onto the ground.



SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Use as directed. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities:

Store tightly closed in a dry and cool place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines:

- Exposure guidelines are not relevant when used as intended in a household setting.

Appropriate engineering controls

Engineering measures: General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Workplace and/or Household Settings:

Eye and Face Protection: No special protective equipment required.

Skin and Body Protection: No special protective equipment required.

Respiratory Protection: No special protective equipment required.

Manufacturing Plant: Use protective gloves and appropriate eye protection. In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light green, translucent liquid
Odor:	Characteristic
Odor threshold:	No information available
pH:	4.2 – 4.8
Melting Point/freezing point:	No information available
Initial boiling point and boiling range:	No information available
Flash point:	N/A
Evaporation rate:	No information available
Upper flammability limit:	No information available

Lower flammability limit:	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Specific gravity:	1.025 – 1.035
Solubility in water:	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity:	5,000 – 7,000 cps RV#5@20 rpm

SECTION 10. STABILITY AND REACTIVITY

Reactivity:

No data available

Stability:

Stable under normal conditions.

Possibility of hazardous reactions:

None known.

Conditions to avoid:

None under normal conditions.

Incompatible materials:

None known.

Hazardous decomposition products:

May produce oxides of carbon

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of exposure:

Skin contact, Eye contact

Information on likely routes of exposure

Ingestion:

May be harmful if swallowed.

Inhalation:

No adverse effects are expected.

Skin contact:

No adverse effects are expected.

Eye contact:

Irritating to eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity

No adverse effects are expected.



Skin corrosion/irritation	Not classified as a skin corrosive or irritant.
Serious eye damage/eye irritation	Irritating to eyes.
Respiratory sensitization	Not expected to cause respiratory sensitization.
Skin sensitization	Not expected to cause skin sensitization.
Germ Cell mutagenicity	No data available.
Mutagenicity	No data available.
Carcinogenicity	Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	Not expected to cause reproductive effects.
Teratogenicity	No data available.
Specific target organ toxicity- single exposure	No data available.
Specific target organ toxicity- repeated exposure	No data available.
Aspiration hazard	No data available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

This product is not expected to be hazardous to the environment. However, large spills can have a harmful effect on the environment.

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Collect and dispose of in accordance with Federal, State and Local laws and regulations.

SECTION 14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)
Not regulated as dangerous goods.

SECTION 15. REGULATORY INFORMATION

TSCA: not applicable
SARA, Title III, Section 313: not applicable
CALIFORNIA PROPOSITION 65: not applicable

SECTION 16. OTHER INFORMATION

Supersedes: none

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



SAFETY DATA SHEET

Date: 26-Feb-2018

1. Identification

Product name : TIGI Copyright Volume Conditioner
 Product type : Conditioner

Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Industrial uses: Uses of substances as such or in preparations at industrial sites
Consumer uses: Private households (= general public = consumers)
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
 1655 Waters Ridge Dr.
 Lewisville TX 75057
 USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
 Emergency #: 800-259-8596 (24 hours)
 CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

SECTION 2. HAZARD IDENTIFICATION

This is a personal care / cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use and is exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This safety data sheet (SDS) is being provided as a courtesy to help assist in the safe handling and proper use of the product for industrial workplace conditions in response to a customer request.

Classification

Eye Irritation: 2B

Label Elements

Hazard Symbol:	None
Signal Word:	WARNING
Hazard Statement:	Causes eye irritation
Precautionary statement	
General:	Read label before use
Prevention:	Wash thoroughly after handling
Response:	IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage:	None
Disposal:	None
Hazard(s) not otherwise classified (HNOC):	None
Supplemental Information:	None



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

<u>CHEMICAL NAME</u>	<u>CAS NO.</u>	<u>CONCENTRATION (%)</u>
Stearamidopropyl Dimethylamine	7651-02-7/20182-63-2	1 – 5
Behentrimonium Chloride	17301-53-0	< 1

SECTION 4. FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. Get medical attention if symptoms persist.
Skin contact: Wash off with warm water and soap. Get medical attention if symptoms persist.
Eye contact: Flush with plenty of water, if irritation persists, get medical attention.
Ingestion: Do not induce vomiting. Drink plenty of water. Get prompt medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Water, Water Spray or fog, Foam, Sand/Earth, Carbon Dioxide (CO₂)

Specific hazards arising from the chemical:
No information available.

Hazardous combustion products
Carbon oxides

Protective equipment and precautions for firefighters:
As in any fire, wear NIOSH approved self-contained breathing apparatus and protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:
Absorb spilled material with inert material such as sawdust, sand, or earth then place in a sealed container for chemical waste.

Environmental precautions:
Avoid discharge into drains, water courses or onto the ground.



SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Use as directed. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities:

Store tightly closed in a dry and cool place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines:

- Exposure guidelines are not relevant when used as intended in a household setting.

Appropriate engineering controls

Engineering measures: General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Workplace and/or Household Settings:

Eye and Face Protection: No special protective equipment required.

Skin and Body Protection: No special protective equipment required.

Respiratory Protection: No special protective equipment required.

Manufacturing Plant: Use protective gloves and appropriate eye protection. In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-white, thick opaque emulsion
Odor:	Characteristic
Odor threshold:	No information available
pH:	4.0 – 5.5
Melting Point/freezing point:	No information available
Initial boiling point and boiling range:	No information available
Flash point:	N/A
Evaporation rate:	No information available
Upper flammability limit:	No information available

Lower flammability limit:	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Specific gravity:	0.975 – 0.995
Solubility in water:	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity:	150,000 – 450,000 cps RV#T-B@0.5 rpm

SECTION 10. STABILITY AND REACTIVITY

Reactivity:

No data available

Stability:

Stable under normal conditions.

Possibility of hazardous reactions:

None known.

Conditions to avoid:

None under normal conditions.

Incompatible materials:

None known.

Hazardous decomposition products:

May produce oxides of carbon

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of exposure:

Skin contact, Eye contact

Information on likely routes of exposure

Ingestion:

May be harmful if swallowed.

Inhalation:

No adverse effects are expected.

Skin contact:

No adverse effects are expected.

Eye contact:

Irritating to eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity

No adverse effects are expected.



Skin corrosion/irritation	Not classified as a skin corrosive or irritant.
Serious eye damage/eye irritation	Irritating to eyes.
Respiratory sensitization	Not expected to cause respiratory sensitization.
Skin sensitization	Not expected to cause skin sensitization.
Germ Cell mutagenicity	No data available.
Mutagenicity	No data available.
Carcinogenicity	Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	Not expected to cause reproductive effects.
Teratogenicity	No data available.
Specific target organ toxicity- single exposure	No data available.
Specific target organ toxicity- repeated exposure	No data available.
Aspiration hazard	No data available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

This product is not expected to be hazardous to the environment. However, large spills can have a harmful effect on the environment.

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Collect and dispose of in accordance with Federal, State and Local laws and regulations.

SECTION 14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)
Not regulated as dangerous goods.

SECTION 15. REGULATORY INFORMATION

TSCA: not applicable
SARA, Title III, Section 313: not applicable
CALIFORNIA PROPOSITION 65: not applicable

SECTION 16. OTHER INFORMATION

Supersedes: none

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



SAFETY DATA SHEET

TIGI Copyright Volume Finishing Hairspray

Section 1. Identification

Product name : TIGI Copyright Volume Finishing Hairspray
Product description : Hair Styling Product
Internal product code : TIGI0084

Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Industrial uses Consumer uses Professional uses

Supplier's details : TIGI Linea, LP

 1655 Waters Ridge Dr.
 Lewisville, TX 75057
 USA

Emergency telephone number (with hours of operation) : Phone #: +1 469 528 4300 (normal business hours)
 Emergency #: +1 800 259 8596 (24 hours)
 Poison Control #: +1 800-949-7866 (24 hours)
 CHEMTREC #: +1 800-424-9300 or +1 703 527 3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial MSDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

Section 2. Hazards identification

- OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
- Classification of the substance or mixture** : FLAMMABLE AEROSOLS - Category 1
GASES UNDER PRESSURE – Compressed Gas

GHS label elements

Hazard pictograms :



- Signal word** : Danger
- Hazard statements** : Extremely flammable aerosol.
Pressurized container: may burst if heated.
Contains gas under pressure; may explode if heated.

Precautionary statements

- General** : Read label before use. If medical advice is needed, have product container or label at hand.
- Prevention** : Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Do not breathe dust or mist. Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
- Response** : Not applicable.
- Storage** : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : None known.
- Hazards not otherwise classified** : None known.

Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture

CAS number/other identifiers

Ingredient name	%	CAS number
Alcohol Denat.	25 - 50	64-17-5

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

Hydrofluorocarbon 152a	25 - 50	75-37-6
------------------------	---------	---------

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
irritation
redness
- Inhalation** : Adverse symptoms may include the following:
respiratory tract irritation
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.
- NFPA 30B Classification** : Aerosol Level 1

Specific hazards arising from the chemical : Extremely flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbonyl halides

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving

- any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** :
- Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.
- Advice on general occupational hygiene** :
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** :
- Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Alcohol Denat.	<p>OSHA PEL 1989 1989-03-01 TWA</p> <p>1,900 mg/m³ 1,000 ppm Form:</p> <p>OSHA PEL 1993-06-30 TWA</p> <p>1,900 mg/m³ 1,000 ppm</p>

	<p>Form:</p> <p>NIOSH REL 1994-06-01 TWA</p> <p>1,900 mg/m³ 1,000 ppm</p> <p>Form:</p> <p>ACGIH TLV 2008-11-24 STEL</p> <p>1,000 ppm</p>
Hydrofluorocarbon 152a	<p>AIHA WEEL 1999-01-01 TWA</p> <p>1,000 ppm</p>

- Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. For prolonged or repeated handling, use Latex gloves.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product., When there is a risk of ignition from static electricity, wear anti-static protective clothing., For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

- Physical state** : liquid [aerosol]
- Color** : colourless
- Odor** : perfumed
- Odor threshold** : Not available.
- pH** : 8.8 [Conc. (% w/w): 1,000 g/l]
- Melting point** : Not applicable
- Boiling point** : Not available.
- Flash point** : 16 °C (61 °F)
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : **Lower:** Not available.
Upper: Not available.
- Vapor density** : Not available.
- Relative density** : Not available.
- Solubility** : Not available.
- Solubility in water** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : **Dynamic:** Not available.
Kinematic: Not available.

Aerosol product

Type of aerosol	:	Spray
Can pressure	:	140 PSI at 54°C/130°F
Heat of combustion	:	>= 30 J/kg
Ignition distance	:	61 cm
Enclosed space ignition - Time equivalent	:	Not available.
Enclosed space ignition - Deflagration density	:	Not available.
Flame height	:	Not available.
Flame duration	:	Not available.

Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	The product is stable.
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Avoid all possible sources of ignition (spark or flame).
Incompatible materials	:	No specific data.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information**Information on toxicological effects****Acute toxicity**

Conclusion/Summary	:	Very low toxicity to humans or animals.
--------------------	---	---

Irritation/Corrosion**Conclusion/Summary**

Skin	:	Non-irritant to skin.
Eyes	:	Non-irritating to the eyes.
Respiratory	:	Non-irritating to the respiratory system.

Sensitization**Conclusion/Summary**

Skin	:	Not sensitizing
Respiratory	:	Not sensitizing

Mutagenicity

Conclusion/Summary	:	Not applicable.
--------------------	---	-----------------

Carcinogenicity

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

Conclusion/Summary : Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Reproductive toxicity

Conclusion/Summary : Not applicable.

Teratogenicity

Conclusion/Summary : Not applicable.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
irritation
redness
Inhalation : Adverse symptoms may include the following:
respiratory tract irritation
coughing
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

Potential chronic health effects

- Conclusion/Summary** : Very low toxicity to humans or animals.
- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	Not applicable

Section 12. Ecological information

Toxicity

- Conclusion/Summary** : No known significant effects or critical hazards.

Persistence and degradability

- Conclusion/Summary** : No known significant effects or critical hazards.

- Conclusion/Summary** : No known significant effects or critical hazards.

Mobility in soil

- Soil/water partition coefficient (KOC)** : Not available.
- Other adverse effects** : No known significant effects or critical hazards.

Section 13. Disposal considerations

- Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental





protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

RCRA classification : D001 (Ignitable)

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

Section 14. Transport information

FOR SHIPMENT IN CONSUMER PACKAGING	<u>GROUND</u>	<u>WATER</u>	<u>AIR</u>
PROPER SHIPPING NAME:	Aerosols, Flammable	Aerosols	Aerosols, Flammable
HAZARD CLASS:	2.1	2.1	2.1
UN/ID #:	UN1950	UN1950	UN1950
PACKING GROUP:	None	None	None
REQUIRED MARKINGS and/or LABELS:			  UN1950 Aerosols, Flammable
MARKINGS and/or LABEL TYPES:	Limited Quantity	Limited Quantity	Limited Quantity, Flammable Gas
ADDITIONAL INFORMATION:	ERG #126	ERG #126 Marine Pollutant: Not regulated	ERG #126 Proper Shipping Name & UN # must be shown on the package.

Special precautions for user : Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.’

Transport in bulk according to Annex II of MARPOL and the IBC Code

Not available.

Section 15. Regulatory information

- U.S. Federal regulations**
- :** **United States - TSCA 12(b) - Chemical export notification:**
None of the components are listed.
 - United States - TSCA 4(a) - Final Test Rules:**
Not listed
 - United States - TSCA 4(a) - ITC Priority list:**
Not listed
 - United States - TSCA 4(a) - Proposed test rules:**
Not listed
 - United States - TSCA 4(f) - Priority risk review:**
Not listed
 - United States - TSCA 5(a)2 - Final significant new use rules:**
Not listed
 - United States - TSCA 5(a)2 - Proposed significant new use rules:**
Not listed
 - United States - TSCA 5(e) - Substances consent order:**
Not listed
 - United States - TSCA 6 - Final risk management:**
Not listed
 - United States - TSCA 6 - Proposed risk management:**
Not listed
 - United States - TSCA 8(a) - Chemical risk rules:**
Not listed
 - United States - TSCA 8(a) - Dioxin/Furane precursor:**
Not listed
 - United States - TSCA 8(a) - Chemical Data Reporting (CDR):**
Not determined
 - United States - TSCA 8(a) - Preliminary assessment report (PAIR):**
Not listed
 - United States - TSCA 8(c) - Significant adverse reaction (SAR):**
Not listed
 - United States - TSCA 8(d) - Health and safety studies:**
Not listed
- United States - EPA Clean water act (CWA) section 307 - Priority pollutants:** Not listed
- United States - EPA Clean water act (CWA) section 311 - Hazardous substances:** Not listed
- United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances:** Listed
- United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances:** Not listed
- United States - Department of commerce - Precursor chemical:**

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

Not listed

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

:

Name	%	EHS	SARA 302/304
Alcohol Denat.	25 – 50	YesSARA 304 RQ: 100 lb/lbs
Hydrofluorocarbon 152a	25 - 50	YesSARA 304 RQ: 100 lb/lbs

SARA 304 RQ : 184.1 lbs

SARA 311/312

Classification : Fire hazard
Sudden release of pressure
Immediate (acute) health hazard

Composition/information on ingredients

Name	%	Classification
Alcohol Denat.	25 - 50	F, CH

SARA 313

None of the components are listed.

State regulations

Massachusetts :
The following components are listed:
Alcohol Denat.

New York :
Version: 1.0 Date of issue/Date of revision: 06.25.2018 Date of previous issue: 00.00.0000

- New Jersey** : None of the components are listed.
- Pennsylvania** : The following components are listed:
Alcohol Denat.
- The following components are listed:
Alcohol Denat.

US California 22CCR Appendix X Substances

- California Prop. 65** : Not available.
- United States inventory (TSCA 8b)** : Not determined.
- Canada inventory** : Not determined.

International regulations

- International lists** : **Australia inventory (AICS):** Not determined.
Malaysia Inventory (EHS Register): Not determined.
Japan inventory: Not determined.
China inventory (IECSC): Not determined.
Korea inventory: Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.
Taiwan Chemical Substances Inventory (TCSI): Not determined.
- Chemical Weapons Convention List Schedule I Chemicals** : Not listed
- Chemical Weapons Convention List Schedule II Chemicals** : Not listed
- Chemical Weapons Convention List Schedule III Chemicals** : Not listed

Section 16. Other information

This product is packaged for retail sale and intended for consumer use. The U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) does not apply to "consumer products" as defined by the U.S. Consumer Product Safety Act and Federal Hazardous Substances Act, including consumer products

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

used in the workplace under typical duration and frequency of exposure as experienced by consumers when used for the intended purpose. This Safety Data Sheet (SDS) is provided as a courtesy to assist with proper use and safe handling. Applicable consumer product use and safety information is provided on the product label and is included for easy reference in Section 16 of this SDS. This SDS is designed to cover both U.S. and Canada. Differences between U.S. and Canadian requirements are noted where applicable.

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

History

Date of printing : 06.25.2018
Date of issue/Date of revision : 06.25.2018
Date of previous issue : 00.00.0000
Version : 1.0
Prepared by : Global Product Compliance
 Unilever Regulatory Affairs
 40 Merritt Blvd
 Trumbull, CT 06611
 USA

Key to abbreviations :

- ATE = Acute Toxicity Estimate
- ACGIH = American Conference of Governmental & Industrial Hygienists
- AH = Acute Hazard
- BCF = Bioconcentration Factor
- CAA = Clean Air Act
- CARB = California Air Resources Board
- CCR = California Code of Regulations
- CERCLA = Comprehensive Environmental Response, Compensation & Liability Act
- CFR = Code of Federal Regulations
- CH = Chronic Hazard
- CWA = Clean Water Act
- DEA = Drug Enforcement Administration
- DOT = Department of Transportation
- EC = European Commission
- EPCRA = Emergency Planning and Community Right-To-Know Act
- EST = Eastern Standard Time
- F = Fire
- HAPS = Hazardous Air Pollutants
- HCS = Hazard Communication Standard
- HMS = Hazardous Materials Information System
- HVOC = High Volatile Organic Compound
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IARC = International Agency for the Research of Cancer
- IATA = International Air Transport Association

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

IBC = Intermediate Bulk Container
ICAO = International Civil Aviation Organization
IMDG = International Maritime Dangerous Goods
IMO = International Maritime Organization
ITC = Interagency Testing Committee (TSCA)
KOC = Organic Carbon/Water Partition Constant
LogPow = logarithm of the octanol/water partition coefficient
LVOC = Low Volatile Organic Compound
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
MPPCF = Million Particles Per Cubic Foot
N/A = Not Applicable
NFPA = National Fire Protection Association
NOEC = No Observable Effect Concentration
NTP = National Toxicology Program
OSHA = Occupation Safety & Health Administration
PEL = Permissible Exposure Limit
RCRA = Resource Conservation & Recovery Act
RQ = Reportable Quantity
RTK = Right-To-Know
SARA = Superfund Amendments & Reauthorization Act
STEL = Short-Term Exposure Limit
TBD = To Be Determined
TCC = Tagliabue Closed Cup
TCLP = Toxicity Characteristic Leaching Procedure
TDG = Transport of Dangerous Goods
TLV = Threshold Limit Value
TSCA = Toxic Substances Control Act
TWA = Time Weighted Average
UN = United Nations

References : Evaluation method used for mixture classification: Calculation method.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



SAFETY DATA SHEET

TIGI Copyright Volume Lift Styling Spray

Section 1. Identification

Product name : TIGI Copyright Volume Lift Styling Spray
Product description : Hair Styling Product
Internal product code : TIGI0088

Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Industrial uses Consumer uses Professional uses

Supplier's details : TIGI Linea, LP

 1655 Waters Ridge Dr.
 Lewisville, TX 75057
 USA

Emergency telephone number (with hours of operation) : Phone #: +1 469 528 4300 (normal business hours)
 Emergency #: +1 800 259 8596 (24 hours)
 Poison Control #: +1 800-949-7866 (24 hours)
 CHEMTREC #: +1 800-424-9300 or +1 703 527 3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial MSDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

Section 2. Hazards identification

- OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
- Classification of the substance or mixture** : FLAMMABLE AEROSOLS - Category 1
GASES UNDER PRESSURE – Compressed Gas

GHS label elements

Hazard pictograms :



Signal word
Hazard statements

- : Danger
- : Extremely flammable aerosol.
Pressurized container: may burst if heated.
Contains gases under pressure; may explode if heated

Precautionary statements

- General** : Read label before use. If medical advice is needed, have product container or label at hand.
- Prevention** : Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Do not breathe vapor. Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
- Response** : Not applicable.
- Storage** : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : None known.
- Hazards not otherwise classified** : None known.

Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture

CAS number/other identifiers

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Ingredient name	%	CAS number
Hydrofluorocarbon 152a	10 - 20	75-37-6

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.
- NFPA 30B Classification** : Aerosol Level 1

- Specific hazards arising from the chemical** : Extremely flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials: carbonyl halides
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from

- fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** :
- Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** :
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** :
- Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection**Control parameters****Occupational exposure limits**

None.

- Appropriate engineering controls** :
- The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Environmental exposure controls** :
- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. For prolonged or repeated handling, use Latex gloves.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product., When there is a risk of ignition from static electricity, wear anti-static protective clothing., For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

- Physical state** : liquid [foam]
Color : colourless
Odor : perfumed
Odor threshold : Not available.
pH : 6.5 [Conc. (% w/w): 1,000 g/l]
Melting point : Not applicable
Boiling point : Not available.

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

Flash point	:	16 °C (61 °F)
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive (flammable) limits	:	Lower: Not available. Upper: Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Dynamic: Not available. Kinematic: Not available.

Aerosol product

Type of aerosol	:	Foam
Can pressure	:	180 hPa PSI at 54°C/130°F
Heat of combustion	:	< 20 J/kg
Ignition distance	:	Not available.
Enclosed space ignition - Time equivalent	:	Not available.
Enclosed space ignition - Deflagration density	:	Not available.
Flame height	:	5 cm
Flame duration	:	8 s

Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	The product is stable.
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Avoid all possible sources of ignition (spark or flame).
Incompatible materials	:	No specific data.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Conclusion/Summary	:	Very low toxicity to humans or animals.
---------------------------	---	---

Irritation/Corrosion

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

Conclusion/Summary

- Skin** : Non-irritant to skin.
- Eyes** : Non-irritating to the eyes.
- Respiratory** : Non-irritating to the respiratory system.

Sensitization**Conclusion/Summary**

- Skin** : Not sensitizing
- Respiratory** : Not sensitizing

Mutagenicity

- Conclusion/Summary** : Not applicable.

Carcinogenicity

- Conclusion/Summary** : Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Reproductive toxicity

- Conclusion/Summary** : Not applicable.

Teratogenicity

- Conclusion/Summary** : Not applicable.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

- Information on the likely routes of exposure** : Not available.

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

Potential chronic health effects

- Conclusion/Summary** : Very low toxicity to humans or animals.
- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	Not applicable

Section 12. Ecological information

Toxicity

- Conclusion/Summary** : No known significant effects or critical hazards.

Persistence and degradability

- Conclusion/Summary** : No known significant effects or critical hazards.

- Conclusion/Summary** : No known significant effects or critical hazards.
- Mobility in soil**
- Soil/water partition coefficient (KOC)** : Not available.
- Other adverse effects** : No known significant effects or critical hazards.

Section 13. Disposal considerations





- Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- RCRA classification** : D001 (Ignitable)

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

Section 14. Transport information

FOR SHIPMENT IN CONSUMER PACKAGING	<u>GROUND</u>	<u>WATER</u>	<u>AIR</u>
PROPER SHIPPING NAME:	Aerosols, Flammable	Aerosols	Aerosols, Flammable
HAZARD CLASS:	2.1	2.1	2.1
UN/ID #:	UN1950	UN1950	UN1950
PACKING GROUP:	None	None	None

REQUIRED MARKINGS and/or LABELS:			  UN1950 Aerosols, Flammable
MARKINGS and/or LABEL TYPES:	Limited Quantity	Limited Quantity	Limited Quantity, Flammable Gas
ADDITIONAL INFORMATION:	ERG #126	ERG #126 Marine Pollutant: Not regulated	ERG #126 Proper Shipping Name & UN # must be shown on the package.

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.'

Transport in bulk according to Annex II of MARPOL and the IBC Code

Not available.

Section 15. Regulatory information

U.S. Federal regulations :

- United States - TSCA 12(b) - Chemical export notification:**
None of the components are listed.
- United States - TSCA 4(a) - Final Test Rules:**
Not listed
- United States - TSCA 4(a) - ITC Priority list:**
Not listed
- United States - TSCA 4(a) - Proposed test rules:**
Not listed
- United States - TSCA 4(f) - Priority risk review:**
Not listed
- United States - TSCA 5(a)2 - Final significant new use rules:**
Not listed
- United States - TSCA 5(a)2 - Proposed significant new use rules:**
Not listed
- United States - TSCA 5(e) - Substances consent order:**
Not listed
- United States - TSCA 6 - Final risk management:**
Not listed
- United States - TSCA 6 - Proposed risk management:**
Not listed
- United States - TSCA 8(a) - Chemical risk rules:**
Not listed
- United States - TSCA 8(a) - Dioxin/Furane precursor:**
Not listed
- United States - TSCA 8(a) - Chemical Data Reporting (CDR):**

Not determined
United States - TSCA 8(a) - Preliminary assessment report (PAIR):
 Not listed
United States - TSCA 8(c) - Significant adverse reaction (SAR):
 Not listed
United States - TSCA 8(d) - Health and safety studies:
 Not listed

United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Not listed

United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Not listed

United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Listed

United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed
United States - Department of commerce - Precursor chemical:
 Not listed

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

.....
Composition/information on ingredients

Name	%	EHS	SARA 302/304
Hydrofluorocarbon 152a	25 - 50	Yes.	SARA 304 RQ: 100 lb/lbs

SARA 304 RQ : 817 lbs

SARA 311/312

Classification : Fire hazard
Sudden release of pressure
Immediate (acute) health hazard

Composition/information on ingredients

No products were found.

SARA 313

None of the components are listed.

State regulations

Massachusetts : The following components are listed:
Dimethyl Ether

New York : None of the components are listed.

New Jersey : The following components are listed:
Polyvinylpyrrolidone
Dimethyl Ether

Pennsylvania : The following components are listed:
Dimethyl Ether

US California 22CCR Appendix X Substances

California Prop. 65 : Not available.

United States inventory (TSCA 8b) : Not determined.

Canada inventory : Not determined.

International regulations

International lists : **Australia inventory (AICS):** Not determined.
Malaysia Inventory (EHS Register): Not determined.
Japan inventory: Not determined.
China inventory (IECSC): Not determined.
Korea inventory: Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.

Taiwan Chemical Substances Inventory (TCSI): Not determined.

**Chemical Weapons Convention
List Schedule I Chemicals** : Not listed

**Chemical Weapons Convention
List Schedule II Chemicals** : Not listed

**Chemical Weapons Convention
List Schedule III Chemicals** : Not listed

Section 16. Other information

This product is packaged for retail sale and intended for consumer use. The U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) does not apply to "consumer products" as defined by the U.S. Consumer Product Safety Act and Federal Hazardous Substances Act, including consumer products used in the workplace under typical duration and frequency of exposure as experienced by consumers when used for the intended purpose. This Safety Data Sheet (SDS) is provided as a courtesy to assist with proper use and safe handling. Applicable consumer product use and safety information is provided on the product label and is included for easy reference in Section 16 of this SDS. This SDS is designed to cover both U.S. and Canada. Differences between U.S. and Canadian requirements are noted where applicable.

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

History

Date of printing : 06.25.2018
Date of issue/Date of revision : 06.25.2018
Date of previous issue : 00.00.0000
Version : 1.0
Prepared by : Global Product Compliance
 Unilever Regulatory Affairs
 40 Merritt Blvd
 Trumbull, CT 06611
 USA

Key to abbreviations : ATE = Acute Toxicity Estimate
 ACGIH = American Conference of Governmental & Industrial Hygienists

Version: 1.0

Date of issue/Date of revision: 06.25.2018

Date of previous issue: 00.00.0000

AH = Acute Hazard
BCF = Bioconcentration Factor
CAA = Clean Air Act
CARB = California Air Resources Board
CCR = California Code of Regulations
CERCLA = Comprehensive Environmental Response, Compensation & Liability Act
CFR = Code of Federal Regulations
CH = Chronic Hazard
CWA = Clean Water Act
DEA = Drug Enforcement Administration
DOT = Department of Transportation
EC = European Commission
EPCRA = Emergency Planning and Community Right-To-Know Act
EST = Eastern Standard Time
F = Fire
HAPS = Hazardous Air Pollutants
HCS = Hazard Communication Standard
HMIS = Hazardous Materials Information System
HVOC = High Volatile Organic Compound
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for the Research of Cancer
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
ICAO = International Civil Aviation Organization
IMDG = International Maritime Dangerous Goods
IMO = International Maritime Organization
ITC = Interagency Testing Committee (TSCA)
KOC = Organic Carbon/Water Partition Constant
LogPow = logarithm of the octanol/water partition coefficient
LVOC = Low Volatile Organic Compound
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
MPPCF = Million Particles Per Cubic Foot
N/A = Not Applicable
NFPA = National Fire Protection Association
NOEC = No Observable Effect Concentration
NTP = National Toxicology Program
OSHA = Occupation Safety & Health Administration
PEL = Permissible Exposure Limit
RCRA = Resource Conservation & Recovery Act
RQ = Reportable Quantity
RTK = Right-To-Know
SARA = Superfund Amendments & Reauthorization Act
STEL = Short-Term Exposure Limit
TBD = To Be Determined
TCC = Tagliabue Closed Cup
TCLP = Toxicity Characteristic Leaching Procedure
TDG = Transport of Dangerous Goods
TLV = Threshold Limit Value
TSCA = Toxic Substances Control Act
TWA = Time Weighted Average
UN = United Nations

References : Evaluation method used for mixture classification: Calculation method.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



SAFETY DATA SHEET

Date: 26-Feb-2018

1. Identification

Product name : TIGI Copyright Toning Shampoo
Product type : Shampoo

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Industrial uses: Uses of substances as such or in preparations at industrial sites
Consumer uses: Private households (= general public = consumers)
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Supplier's details : TIGI Linea, Corp.
1655 Waters Ridge Dr.
Lewisville TX 75057
USA

Emergency telephone number (with hours of operation) : Phone #: 469-528-4300 (Normal business hours)
Emergency #: 800-259-8596 (24 hours)
CHEMTREC #: 800-424-9300 or 703-527-3887 (24 hours, Transportation Emergencies)

Consumer Information:

For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial SDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

SECTION 2. HAZARD IDENTIFICATION

This is a personal care / cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use and is exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This safety data sheet (SDS) is being provided as a courtesy to help assist in the safe handling and proper use of the product for industrial workplace conditions in response to a customer request.

Classification

Eye Irritation: 2B

Label Elements

Hazard Symbol:	None
Signal Word:	WARNING
Hazard Statement:	Causes eye irritation
Precautionary statement	
General:	Read label before use
Prevention:	Wash thoroughly after handling
Response:	IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage:	None
Disposal:	None
Hazard(s) not otherwise classified (HNOC):	None
Supplemental Information:	None



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

<u>CHEMICAL NAME</u>	<u>CAS NO.</u>	<u>CONCENTRATION (%)</u>
Sodium Lauryl Sulfoacetate	1847-58-1	1 – 5
Cocamidopropyl Betaine	61789-40-0	1 – 5
Sodium Cocoyl Isethionate	61789-32-0/58969-27-0	5 – 10
Glycerin	56-81-5	1 – 5

SECTION 4. FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. Get medical attention if symptoms persist.
Skin contact: Wash off with warm water and soap. Get medical attention if symptoms persist.
Eye contact: Flush with plenty of water, if irritation persists, get medical attention.
Ingestion: Do not induce vomiting. Drink plenty of water. Get prompt medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Water, Water Spray or fog, Foam, Sand/Earth, Carbon Dioxide (CO₂)

Specific hazards arising from the chemical:
No information available.

Hazardous combustion products
Carbon oxides

Protective equipment and precautions for firefighters:
As in any fire, wear NIOSH approved self-contained breathing apparatus and protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:
Absorb spilled material with inert material such as sawdust, sand, or earth then place in a sealed container for chemical waste.

Environmental precautions:
Avoid discharge into drains, water courses or onto the ground.



SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:
Use as directed. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities:
Store tightly closed in a dry and cool place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines:

<u>CHEMICAL NAME</u>	<u>OSHA PEL (4/26/13)</u>	<u>ACGIH TLV</u>
Glycerin	5 mg/m ³ , 8hr, Respirable fraction 10 mg/m ³ , 8hr, Total dust	None established

- Exposure guidelines are not relevant when used as intended in a household setting.

Appropriate engineering controls

Engineering measures: General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Workplace and/or Household Settings:

Eye and Face Protection: No special protective equipment required.

Skin and Body Protection: No special protective equipment required.

Respiratory Protection: No special protective equipment required.

Manufacturing Plant: Use protective gloves and appropriate eye protection. In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark purple, pearly viscous liquid
Odor:	Characteristic
Odor threshold:	No information available
pH:	5.5 – 6.5
Melting Point/freezing point:	No information available

Initial boiling point and boiling range:	No information available
Flash point:	N/A
Evaporation rate:	No information available
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Specific gravity:	1.035 – 1.055
Solubility in water:	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity:	3,500 – 6,000 cps RV#5@20 rpm

SECTION 10. STABILITY AND REACTIVITY

Reactivity:

No data available

Stability:

Stable under normal conditions.

Possibility of hazardous reactions:

None known.

Conditions to avoid:

None under normal conditions.

Incompatible materials:

None known.

Hazardous decomposition products:

May produce oxides of carbon

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of exposure:

Skin contact, Eye contact

Information on likely routes of exposure

Ingestion:

May be harmful if swallowed.

Inhalation:

No adverse effects are expected.

Skin contact:

No adverse effects are expected.



Eye contact: Irritating to eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity	No adverse effects are expected.
Skin corrosion/irritation	Not classified as a skin corrosive or irritant.
Serious eye damage/eye irritation	Irritating to eyes.
Respiratory sensitization	Not expected to cause respiratory sensitization.
Skin sensitization	Not expected to cause skin sensitization.
Germ Cell mutagenicity	No data available.
Mutagenicity	No data available.
Carcinogenicity	Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	Not expected to cause reproductive effects.
Teratogenicity	No data available.
Specific target organ toxicity-single exposure	No data available.
Specific target organ toxicity-repeated exposure	No data available.
Aspiration hazard	No data available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

This product is not expected to be hazardous to the environment. However, large spills can have a harmful effect on the environment.

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Collect and dispose of in accordance with Federal, State and Local laws and regulations.

SECTION 14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

SECTION 15. REGULATORY INFORMATION

TSCA: not applicable

SARA, Title III, Section 313: not applicable

CALIFORNIA PROPOSITION 65: not applicable

SECTION 16. OTHER INFORMATION

Supersedes: none

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by
Commission Regulation (EU) 2015/830

SAFETY DATA SHEET

TIGI Copyright Maximum Hold Hairspray

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : TIGI Copyright Maximum Hold Hairspray
Product code : TIGI0085
Product description : Hair Styling Product
Product type : aerosol
Other means of identification : Not available.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Consumer uses

1.3 Details of the supplier of the safety data sheet

TIGI Linea, LP
1655 Waters Ridge Dr.
Lewisville, TX 75057
USA
+1 469 528 4300

National contact

Not available.

1.4 Emergency telephone number

National advisory body/Poison Center

Telephone number : Not applicable in United Kingdom and Ireland

Supplier

Telephone number : +1 469 528 4300
Hours of operation : -
Information limitations : Not available.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Aerosol 1 H222 H229
 Gases under Pressure – Compressed Gas H280

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Ingredients of unknown toxicity : Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 0 %

Ingredients of unknown ecotoxicity : Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 0 %

See Section 16 for the full text of the R phrases or H statements declared above.
 See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : Extremely flammable aerosol.
 Pressurized container: may burst if heated.
 Contains gases under pressure; may explode if heated.

Precautionary statements

General : P102 Keep out of reach of children.

Prevention : P251 Do not pierce or burn, even after use.
 P210 Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
 P211 Do not spray on an open flame or other ignition source.

Response : Not applicable.

Storage : P410+P403 Protect from sunlight. Store in well-ventilated place.
 P412 Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal : Not applicable.

Supplemental label elements : Not applicable.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

Special packaging requirements

Containers to be fitted with child-resistant fastenings : Not applicable.

Tactile warning of danger : Not applicable.

2.3 Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

Other hazards which do not result in classification : None known.

SECTION 3: Composition/information on ingredients

Substance/mixture : Mixture

Product/ingredient name	Identifiers	%	Classification		Type
			Regulation (EC) No. 1272/2008 [CLP]		

Aminomethyl Propanol	RRN : 02-2119756351-41 EC: 204-709-8 CAS : 124-68-5 Index:	>0 - <=3		Aquatic Chronic 3, H412 Skin Corr./Irrit. 2, H315 Eye Dam./Irrit. 2, H319	[1]
----------------------	---	-------------	--	---	-----

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern

See Section 16 for the full text of the R phrases or H statements declared above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8. For confidentiality reasons, the levels of components listed in Section 3 are given in percentage bands. The bandings do not reflect potential variation in composition of this formulation, but are used simply to mask the exact component levels, which we consider to be proprietary information. The classification given in Section 2 and 15 reflects the exact composition of this mixture.

* exempted according to REACH Art. 2(7) and Annex V; Each starting material of the ionic mixture is registered, if required

SECTION 4: First aid measures

4.1 Description of first aid measures

- | | |
|-----------------------------------|---|
| Eye contact | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs. |
| Inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Skin contact | : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| Ingestion | : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	:	Adverse symptoms may include the following: irritation redness
Inhalation	:	Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	:	No specific data.
Ingestion	:	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	:	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	:	Extremely flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.
Hazardous thermal decomposition products	:	No specific data.

5.3 Advice for firefighters

Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
---	---	--

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
- Additional information** : Not available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- 6.2 Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

- 6.4 Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination.

Seveso Directive - Reporting thresholds

Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
P3a: Flammable aerosols containing flammable gases or flammable liquids	150 t	500 t
C7b: Highly flammable (R11)	5,000 t	50,000 t

7.3 Specific end use(s)

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

SECTION 8: Exposure controls/personal protection

The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNEL/DMEL Summary : Not available.

PNEC Summary : Not available.

8.2 Exposure controls

Appropriate engineering controls : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the

Body protection	: protection time of the gloves cannot be accurately estimated. For prolonged or repeated handling, use Latex gloves.
Other skin protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product., When there is a risk of ignition from static electricity, wear anti-static protective clothing., For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves., Refer to European Standard EN 1149 for further information on material and design requirements and test methods.
Respiratory protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Environmental exposure controls	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Form	: liquid [aerosol]
Color	: colourless
Odor	: Characteristic.
Odor threshold	: Not available.
pH	: 9.3 [Conc. (% w/w): 1,000 g/l]
Melting point/freezing point	: Not available.
Initial boiling point and boiling range	: Not available.
Flash point	: 16 °C
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Density	: Not available
Bulk density	: Not available
Burning time	: Not available.
Burning rate	: Not available.
Upper/lower flammability or explosive limits	: Lower: Not available. Upper: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: Not available.
Solubility(ies)	: Not available.
Solubility in water	: Not available.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.

Viscosity : **Dynamic:** Not available.
Kinematic: Not available.
Explosive properties : Not available.
Oxidizing properties : Not available.

9.2 Other information

SADT : Not available
Aerosol product

Type of aerosol : Spray
Heat of combustion : >= 30 J/kg
Ignition distance : 61 cm
Enclosed space ignition - Time equivalent : Not available.
Enclosed space ignition - Deflagration density : Not available.
Flame height : Not available.
Flame duration : Not available.

SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability : The product is stable.
10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid : Avoid all possible sources of ignition (spark or flame).
10.5 Incompatible materials : No specific data.
10.6 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Aminomethyl Propanol	LD50 Oral	Rat	2,900 mg/kg	-

Conclusion/Summary : Very low toxicity to humans or animals.

Acute toxicity estimates

Route	ATE value
Oral	5,000 milligram per kilogram

Irritation/Corrosion

Conclusion/Summary

- Skin** : Causes mild skin irritation.
- Eyes** : Non-irritating to the eyes.
- Respiratory** : Non-irritating to the respiratory system.

Sensitization

Conclusion/Summary

- Skin** : Not sensitizing
- Respiratory** : Not sensitizing

Mutagenicity

- Conclusion/Summary** : Not applicable.

Carcinogenicity

- Conclusion/Summary** : No additional remark.

Reproductive toxicity

- Conclusion/Summary** : Not applicable.

Teratogenicity

- Conclusion/Summary** : Not applicable.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

- Information on the likely routes of exposure** : Not available.

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
irritation
redness

Inhalation : Adverse symptoms may include the following:
respiratory tract irritation
coughing

Skin contact : No specific data.

Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Very low toxicity to humans or animals.

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
JTIGI Copyright Maximum Hold Hairspray			
Remarks - Acute - Aquatic invertebrates.:	No known significant effects or critical hazards.		

Conclusion/Summary : No known significant effects or critical hazards.

12.2 Persistence and degradability

Conclusion/Summary : The surfactants used in this mixture are readily biodegradable.,
The surfactant(s) contained in this preparation complies(comply)
with the biodegradability criteria as laid down in Regulation (EC)

No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Aminomethyl Propanol	-0.63	-	low

12.4 Mobility in soil

- Soil/water partition coefficient (KOC)** : Not available.
- Mobility** : Mixture is highly soluble

12.5 Results of PBT and vPvB assessment

- PBT** : P: Not available.
B: Not available.
T: Not available.

- vPvB** : vP: Not available.
vB: Not available.

- 12.6 Other adverse effects** : Not available.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

- Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
- Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste.

Packaging

- Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	UN1950	UN1950	UN1950	UN1950
14.2 UN proper shipping name	AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
14.3 Transport hazard class(es)	Class 2.5: Flammable aerosol. (Class 2.5F: Flammable gas.)	Class 2.5: Flammable aerosol. (Class 2.5F: Flammable gas.)	Class 2.1: Flammable gas. (Class 2.1: Flammable gas.)	Class 2.1: Flammable gas. (Class 2.1: Flammable gas.)
14.4 Packing group	N/A	N/A	N/A	N/A
14.5. Environmental hazards	No.	No.	No.	Not regulated.
Additional information	<u>Tunnel code:</u> (D)		<u>Emergency schedules (EmS):</u> F-D, S-U	

14.6 Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.'

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV: None of the components are listed.

Substances of very high concern: None of the components are listed.

Other EU regulations

Europe inventory : Not determined.
Industrial emissions (integrated pollution prevention and control) - Air : Not listed

- Industrial emissions (integrated pollution prevention and control) - Water** : Not listed
- Aerosol dispensers** : Not applicable.

Seveso III Directive

Danger criteria

Category
P3a: Flammable aerosols containing flammable gases or flammable liquids C7b: Highly flammable (R11)

National regulations

- Remark** : No additional remark.

International regulations

- Chemical Weapons Convention List Schedule I Chemicals** : Not listed
- Chemical Weapons Convention List Schedule II Chemicals** : Not listed
- Chemical Weapons Convention List Schedule III Chemicals** : Not listed

- 15.2 Chemical Safety Assessment** : This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

- Abbreviations and acronyms** : ATE = Acute Toxicity Estimate
AISE = Association Internationale de la Savonnerie, de la Détergence et des Produits d'Entretien, International Association for Soaps, Detergents and Maintenance Products'
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
DMEL = Derived Minimal Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative
- Key literature references and sources for data** : Evaluation method used for mixture classification: Calculation method.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Aerosol 1, H222 H229	On basis of test data

Full text of abbreviated H statements : H222 H229 Extremely flammable aerosol.
 Pressurized container: may burst if heated.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H412 Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS] : **Aerosol 1, H222 H229:** AEROSOLS - Category 1
Skin Corr./Irrit. 2, H315: SKIN CORROSION/IRRITATION - Category 2
Eye Dam./Irrit. 2, H319: SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Aquatic Chronic 3, H412: AQUATIC HAZARD (LONG-TERM) - Category 3

Date of printing : 26.06.2018
Date of issue/ Date of revision : 26.06.2018
Date of previous issue : 00.00.0000
Reason : Not applicable
Version : 1.0

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.