

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name TRESEMME ANTI-FRIZZ SECRET SMOOTHING CREME
Revision date 20-Apr-2011
CAS # Mixture
Product use Hair Styling Product
Company information ALBERTO-CULVER USA, INC.
2525 Armitage Avenue
Melrose Park, IL 60160 US
Business Phone (708) 450-3000
Emergency Phone (708) 450-3175
Shipping Emergencies CHEMTREC 800 424-9300 or 703 527-3887
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General information Business Phone (708) 450-3000

2. Hazards Identification

Emergency overview Contact with eyes may cause irritation. Health injuries are not known or expected under normal use.
Potential short term health effects
Eyes Contact with eyes may cause irritation. Health injuries are not known or expected under normal use.
Skin Health injuries are not known or expected under normal use.
Inhalation Health injuries are not known or expected under normal use.
Ingestion Do not ingest. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Health injuries are not known or expected under normal use.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Mineral Oil	8012-95-1	< 10
Glyceryl Stearate	31566-31-1	< 2.5
Propylene Glycol	57-55-6	< 2.5
Glycerin	56-81-5	< 1

4. First Aid Measures

First aid
Eye contact Immediately flush eyes with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.
Skin contact This product is intended to contact the skin, If irritation develops, discontinue use and seek medical attention.
Inhalation No specific treatment is necessary since this material is not likely to be hazardous by inhalation. Call a physician if symptoms develop or persist.
Ingestion Have victim rinse mouth thoroughly with water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. If ingestion of a large amount does occur, seek medical attention.
Notes to physician None

5. Fire Fighting Measures

Unusual fire & explosion hazards The product is not flammable.
Suitable extinguishing media Use any media that is appropriate for the surrounding fire. Water. Water Fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Fire fighting equipment/instructions In the event of fire, cool tanks with water spray. Move containers from fire area if you can do it without risk.

Special protective equipment for fire-fighters Wear suitable protective equipment.
Specific hazards Non-combustible, substance itself does not burn.
Flash point > 200 °F (> 93.3 °C)

6. Accidental Release Measures

Containment procedures Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
Personal precautions Keep unnecessary personnel away. Do not touch or walk through spilled material.
Environmental precautions Prevent further leakage or spillage if safe to do so.
Methods for cleaning up Should not be released into the environment.

Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water.

Never return spills in original containers for re-use.

7. Handling and Storage

Handling Avoid contact with eyes. Handle and open container with care.
Storage Use care in handling/storage. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Occupational exposure limits

ACGIH

Components	CAS #	Type	Value	Form
Glycerin	56-81-5	TWA	10 mg/m ³	Mist.

U.S. - OSHA

Components	CAS #	Type	Value	Form
Glycerin	56-81-5	PEL	5 mg/m ³ 15 mg/m ³	Respirable fraction. Total dust.
Mineral Oil	8012-95-1	PEL	5 mg/m ³	Mist.

Personal protective equipment

Respiratory protection No personal respiratory protective equipment normally required.
Hand protection Not normally needed.
 Applicable for industrial settings only. Protective gloves.
Eye protection Not normally needed. Avoid contact with eyes.
 Applicable for industrial settings only. Wear chemical goggles.
Skin and body protection Not normally needed.
 Applicable for industrial settings only. Use personal protective equipment as required.

Engineering measures to reduce exposure General ventilation normally adequate.

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

9. Physical & Chemical Properties

Appearance Viscous. Liquid.
Boiling point > 200 °F (> 93.3 °C)
Color Opaque. White.
Form Liquid.
Odor To Match Standard
PH 5.8 - 6.5
Viscosity 34000 - 150000 CP (RVT/T-Bar "C"/5 RPM/60 SEC)
VOC 0.0263 %

10. Chemical Stability & Reactivity Information

Stability	Stable at normal conditions.
Conditions to avoid	None known.
Hazardous decomposition products	No hazardous decomposition products are known.
Hazardous polymerization	Hazardous polymerization does not occur.
Incompatibility	None known.

11. Toxicological Information

Acute toxicity

Acute Oral: LD 50

Propylene Glycol	57-55-6	Mouse 23900 - 31800 mg/kg
Propylene Glycol	57-55-6	Dog 19000 mg/kg
Propylene Glycol	57-55-6	Rat 30000 mg/kg
Propylene Glycol	57-55-6	Rabbit 18000 mg/kg
Propylene Glycol	57-55-6	Guinea pig 18400 - 196000 mg/kg

Acute Toxicity other routes: LD 50

Propylene Glycol	57-55-6	Rat 6660 mg/kg Intraperitoneal
Propylene Glycol	57-55-6	Rat 14 g/kg Intramuscular
Propylene Glycol	57-55-6	Rat 6423 mg/kg Intravenous
Propylene Glycol	57-55-6	Rat 22.5 g/kg Subcutaneous
Propylene Glycol	57-55-6	Mouse 6630 mg/kg Intravenous
Propylene Glycol	57-55-6	Mouse 17.3 g/kg Subcutaneous

Toxicology data for the preparation

Acute LD50: 503 g/kg, Mouse, Other, estimated

Acute LD50: 912 g/kg, Rat, Other, estimated

Local effects	Contact with eyes may cause irritation.
Corrosivity	Not expected to be hazardous by OSHA criteria.
Epidemiology	Not expected to be hazardous by OSHA criteria.
Sensitization	Not expected to be hazardous by OSHA criteria.
Neurotoxicity	Not expected to be hazardous by OSHA criteria.
Carcinogenicity	Not expected to be hazardous by OSHA criteria.
Mutagenicity	Not expected to be hazardous by OSHA criteria.
Reproductivity	Not expected to be hazardous by OSHA criteria.
Teratogenicity	Not expected to be hazardous by OSHA criteria.
Chronic toxicity	Not expected to be hazardous by OSHA criteria.
Further information	This product has no known adverse effect on human health.
Routes of exposure	Eye contact. Skin contact. Ingestion.

12. Ecological Information

Ecotoxicity	This material is not expected to be harmful to aquatic life.	
Invertebrate Toxicity: EC 50		
Propylene Glycol	57-55-6	Water flea (Daphnia magna) > 10000 mg/l 48 h Static Intoxication
Propylene Glycol	57-55-6	Water flea (Daphnia magna) > 10000 mg/l 24 h Static Intoxication
Persistence and degradability	Not established.	

13. Disposal Considerations

Disposal instructions	For Consumer Use - Empty containers may be offered for recycling or discarded with household trash. Applicable for Industrial settings only Dispose in accordance with all applicable regulations. Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory Information**US federal regulations**

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Cosmetics are not subject to TSCA.
CERCLA/SARA Hazardous Substances - Not applicable.**Occupational Safety and Health Administration (OSHA)****29 CFR 1910.1200
hazardous chemical**

No

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Section 302 extremely
hazardous substance**

No

**Section 311 hazardous
chemical**

No

Hazard categoriesImmediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No**HMIS ratings**Health: 0
Flammability: 0
Physical hazard: 0**NFPA ratings**Health: 0
Flammability: 0
Instability: 0**International regulations**

The product does not need to be labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

Inventory status**Country(s) or region****Inventory name****On inventory (yes/no)***

Australia

Australian Inventory of Chemical Substances (AICS)

No

Canada

Domestic Substances List (DSL)

No

Canada

Non-Domestic Substances List (NDSL)

No

China

Inventory of Existing Chemical Substances in China (CCS)

No

Europe

European Inventory of New and Existing Chemicals (EINECS)

No

Europe

European List of Notified Chemical Substances (ELINCS)

No

Japan

Japanese Inventory of Existing and New Chemical Substances (ENCS)

No

Korea

Korean Inventory of Chemicals (KICS)

No

New Zealand

New Zealand Inventory

No

Philippines

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

No

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Glycerin

56-81-5

Listed.

Propylene Glycol

57-55-6

Listed.

16. Other Information

Disclaimer

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

Recommended use

Hair Styling Product

Recommended restrictions

None known.

Further information

HMIS® is a registered trade and service mark of the NPCA.

Issue date

20-Apr-2011