

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name TRESEMME FRESH START REFRESHING MIST
Revision date 26-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
Emergency Emergency Phone (708) 450-3175
Shipping Emergencies CHEMTREC 800 424-9300 or 703 527-3887
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
ALCOHOL DENAT.	64-17-5	< 10

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 > 199.4 °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
ALCOHOL DENAT.	64-17-5	STEL	1000 ppm	

U.S. - OSHA

Components	CAS #	Type	Value	Form
ALCOHOL DENAT.	64-17-5	PEL	1000 ppm 1900 mg/m3	

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	Clear. Liquid.
Boiling point	> 199.4 °F (> 93.3 °C)
Color	Colorless. to Light blue.
Form	Liquid.
Odor	To Match Standard
PH	4.75 - 5.75
VOC	5.942 %

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 Inhalation: LC 50

ALCOHOL DENAT.	64-17-5	Rat 20000 mg/l 10 h
ALCOHOL DENAT.	64-17-5	Mouse 0.039 mg/l 4 h

Acute Oral: LD 50

ALCOHOL DENAT.	64-17-5	Rat 17.8 g/kg
ALCOHOL DENAT.	64-17-5	Rat 7060 mg/kg
ALCOHOL DENAT.	64-17-5	Rat 11.5 g/kg
ALCOHOL DENAT.	64-17-5	Rat 6.2 g/kg
ALCOHOL DENAT.	64-17-5	Guinea pig 5.6 g/kg
ALCOHOL DENAT.	64-17-5	Dog 5.5 g/kg
ALCOHOL DENAT.	64-17-5	Mouse 3450 mg/kg
ALCOHOL DENAT.	64-17-5	Rat 10.6 g/kg
ALCOHOL DENAT.	64-17-5	Rat 9.9 g/kg

Acute Toxicity other routes: LD 50

ALCOHOL DENAT.	64-17-5	Mouse 933 mg/kg Intraperitoneal
ALCOHOL DENAT.	64-17-5	Rat 3750 mg/kg Intraperitoneal
ALCOHOL DENAT.	64-17-5	Rat 1440 mg/kg Intravenous
ALCOHOL DENAT.	64-17-5	Mouse 8285 mg/kg Subcutaneous
ALCOHOL DENAT.	64-17-5	Mouse 1973 mg/kg Intravenous

Toxicology data for the preparation

Acute LC50: 0.66 mg/l, Mouse, Inhalation, estimated
Acute LD50: 93.22 g/kg, Dog, Oral, estimated
Acute LD50: 94.92 g/kg, Guinea pig, Oral, estimated
Acute LD50: 58475 mg/kg, Mouse, Oral, estimated
Acute LD50: 190 g/kg, Rat, Oral, estimated
Acute LD50: 63226 mg/kg, Mouse, 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.

US ACGIH Threshold Limit Values: A3 carcinogen

ALCOHOL DENAT.	64-17-5	A3 Confirmed animal carcinogen with unknown relevance to humans.
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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

ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna) > 1.58 mg/l 24 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna) > 100 mg/l 24 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna) > 100 mg/l 4 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna) > 100 mg/l 2 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna) > 10000 mg/l 24 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna) > 10000 mg/l 48 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna) 7.7 - 11.2 mg/l 48 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia obtusa) 10100 - 11200 mg/l 48 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia obtusa) 12300 - 13400 mg/l 24 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna) > 100 mg/l 6 h Static Intoxication

Micro-organisms Toxicity: LC 50

ALCOHOL DENAT.	64-17-5	Turbellarian, flatworm (Dugesia tigrina) > 100 mg/l 96 h Static Mortality
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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 categories Immediate 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

ALCOHOL DENAT. 64-17-5 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

26-Apr-2011