

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Tresemme Mousse Volume And Body
Revision date 28-Nov-2007
CAS # Mixture
Product use Aerosol Hair Fixative Foam
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 WARNING
CONTENTS UNDER PRESSURE.
Highly flammable. Will be easily ignited by heat, spark or flames.

Potential short term health effects

Eyes Contact with eyes may cause irritation.
Skin Health injuries are not known or expected under normal use.
Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
Ingestion Do not ingest. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Health injuries are not known or expected under normal use.

Target organs Eyes. Central nervous system. Skin.
Chronic effects May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage.
Main symptoms Eye irritation Narcosis. Behavioral changes. Decrease in motor functions.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Isobutane	75-28-5	< 10
Hydrofluorocarbon 152A	75-37-6	< 2.5

Composition comments This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

4. First Aid Measures

First aid

Eye contact Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

Skin contact Wash off with soap and water. Get medical attention if irritation develops or persists.

Inhalation Move to fresh air. 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 Symptoms may be delayed.

General advice Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Unusual fire & explosion hazards Vapor or gas may spread to distant ignition sources and flash back.

Suitable extinguishing media	Small Fires: Dry chemical, CO2, water spray or regular foam. Large Fires: Water spray, fog or regular foam.
Fire fighting equipment/instructions	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Move containers from fire area if you can do it without risk.
Special protective equipment for fire-fighters	Structural firefighters protective clothing will only provide limited protection.
Specific methods	In the event of fire and/or explosion do not breathe fumes.
Flash point	-155.2 °F (-104.4 °C)
Auto-ignition temperature	860 °F (460 °C) estimated

6. Accidental Release Measures

Containment procedures	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
Personal precautions	Keep unnecessary personnel away. Ventilate closed spaces before entering. Stay upwind. Keep out of low areas. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for cleaning up	Large Spills: Dike far ahead of liquid spill for later disposal. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. Handling and Storage

Handling	Do not handle or store near an open flame, heat or other sources of ignition. Vapors may form explosive mixtures with air. Keep away from sources of ignition - No smoking. May be ignited by open flame. Do not breathe gas/fumes/vapor/spray.
Storage	Do not handle or store near an open flame, heat or other sources of ignition. Store in cool place. Keep in a well-ventilated place. Keep the container dry. Keep this material away from food, drink and animal feed. Keep out of the reach of children. Level 1 Aerosol

8. Exposure Controls / Personal Protection

Personal protective equipment	
Respiratory protection	No personal respiratory protective equipment normally required. Applicable for industrial settings only. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Eye protection	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	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment if high dust/air concentrations are possible. Use explosion-proof ventilation equipment.
Hygiene measures	When using do not smoke. Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Boiling point	10.4 °F (-11.7 °C)
Flammability	Not available.
Form	Aerosol.
Percent volatile	2.3034 % estimated
PH	6 - 7
Vapor pressure	2104 HPa estimated
VOC	6.0069 %

10. Chemical Stability & Reactivity Information

Stability	Risk of explosion. Risk of ignition.
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Incompatibility Strong oxidizing agents.

11. Toxicological Information

Toxicology data for the preparation

Chronic toxicity Prolonged exposure may cause chronic effects.

Further information Symptoms may be delayed.

12. Ecological Information

Ecotoxicity This material is not expected to be harmful to aquatic life.

13. Disposal Considerations

Waste codes D001: Waste Flammable material with a flash point <140 F

Disposal instructions Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. If discarded, this product is considered a RCRA ignitable waste, D001. Incinerate the material under controlled conditions in an approved incinerator.

14. Transport Information

Department of Transportation (DOT) Requirements

<= 1L (33.8 Fl. Oz)

Basic shipping requirements:

Proper shipping name Consumer commodity

Hazard class ORM-D

Subsidiary hazard class None

Additional information:

Packaging exceptions 156, 306

Packaging non bulk 156, 306

Packaging bulk None

ERG number 126

Department of Transportation (DOT) Requirements

Basic shipping requirements:

Proper shipping name Aerosols, flammable

Hazard class 2.1

UN number UN1950

Additional information:

Special provisions 153, N82

Packaging exceptions 306

Packaging non bulk None

Packaging bulk None

ERG number 126

IATA

<= 1L (33.8 Fl. Oz)

Basic shipping requirements:

Proper shipping name Consumer commodity

Hazard class ORM-D

UN number ID8000

Additional information:

Packaging exceptions 156, 306

Labels required None



IATA**Basic shipping requirements:**

Proper shipping name Aerosols, flammable
Hazard class 2.1
Subsidiary hazard class 6.1
UN number 1950
Packaging instructions Forbidden

**IMDG****Basic shipping requirements:**

Proper shipping name AEROSOLS, flammable
Hazard class 2.1
UN number 1950
Additional information:
Item 5F
Labels required 2.1
Transport Category 2

**15. Regulatory Information**

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
 CERCLA/SARA Hazardous Substances - Not applicable.

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Hazard categories Immediate Hazard - No
 Delayed Hazard - Yes
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

HMIS ratings

Health: 1*
 Flammability: 4
 Physical hazard: 1

NFPA ratings

Health: 1
 Flammability: 4
 Instability: 1

International regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

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 - New Jersey Community RTK (EHS Survey): Reportable threshold

Hydrofluorocarbon 152A	75-37-6	500 LBS
Isobutane	75-28-5	500 LBS

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Isobutane	75-28-5	Listed.
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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.

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28-Nov-2007