

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name MOTIONS DAILY MOISTURE HAIR AND SCALP HAIRDRESSING
Revision date 31-Mar-2006
CAS # Mixture
Product use HAIR STYLING PRODUCT
Company information MOTIONS
2525 Armitage Avenue
Melrose Park, IL 60160 US
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 No hazards resulting from the material as supplied.
Potential health effects
Eyes Contact with eyes may cause irritation.
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. Health injuries are not known or expected under normal use.
Target organs Eyes.
Chronic effects Conjunctiva.
Signs and symptoms Rash. Irritation. Conjunctivitis.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Octamethylcyclotetrasiloxane	556-67-2	< 2.5
Glycerine	56-81-5	< 10
Non-hazardous and other components below reportable levels		> 90

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

4. First Aid Measures

First aid procedures
Eye contact Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.
Skin contact Get medical attention if irritation develops or persists. Wash off with soap and water.
Inhalation Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. 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 Call a physician if symptoms develop or persist. If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Extinguishing media
Suitable extinguishing media Small Fires: Dry chemical, CO2, water spray or regular foam.
Large Fires: Water spray, fog or regular foam.

6. Accidental Release Measures

Personal precautions	Do not touch or walk through spilled material. Keep people away from and upwind of spill/leak.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for containment	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
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. 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 this material away from food, drink and animal feed. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Exposure guidelines

ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Glycerine 56-81-5 10 Mg/m³ TWA

ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

Glycerine 56-81-5 irritation

OSHA - Final PELs - Time Weighted Averages (TWAs)

Glycerine 56-81-5 15 Mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)

Engineering controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
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Personal protective equipment

Eye / face protection	Avoid contact with eyes. Applicable for industrial settings only. Goggles.
Skin protection	Not normally needed.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. No personal respiratory protective equipment normally required.
General hygiene considerations	Avoid contact with the skin and the eyes. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance	Not available
Clarity	Not available
Color	Not available
Form	Liquid.
Odor	Not available
Odor threshold	Not available
Physical state	Liquid.
pH	6 - 7
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Flash point	239.0 °F (115 °C) estimated
Evaporation rate	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available

Vapor density	Not available
Specific gravity	1.7347 estimated
Relative density	Not available
Solubility (H2O)	Not available
Octanol/H2O coeff	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
VOC (Weight %)	0 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability	No hazards to be especially mentioned.
Incompatible materials	None known.

11. Toxicological Information

Acute effects Acute LD50: 11570 mg/kg estimated, Rat, Oral

Component analysis - LD50

Toxicology Data - Selected LD50s and LC50s

Glycerine	56-81-5	Inhalation LC50 Rat: >570 mg/m ³ /1H; Oral LD50 Rat: 12600 mg/kg; Dermal LD50 Rat: >21900 mg/kg; Dermal LD50 Rabbit: >10 g/kg
Octamethylcyclotetrasiloxane	556-67-2	Inhalation LC50 Rat: >12.7 mg/kg/4H; Inhalation LC50 Rat: >17.6 mg/L/1H; Oral LD50 Rat: 1540 mg/kg; Dermal LD50 Rat: >2400 mg/kg; Dermal LD50 Rabbit: 794 µL/kg

Local effects	Contact may irritate or burn eyes.
Further information	This product has no known adverse effect on human health.

12. Ecological Information

Ecotoxicity This material is not expected to be harmful to aquatic life. Components of this product have been identified as having potential environmental concerns.

Environmental effects

Ecotoxicity - Freshwater Fish Species Data

Glycerine	56-81-5	96 Hr LC50 rainbow trout: 50 mg/L; 96 Hr LC50 goldfish: >5000 mg/L
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13. Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations. 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.

14. Transport Information

Department of Transportation (DOT) Requirements

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

FDA - Direct Food Additives

Glycerine	56-81-5	21 CFR 172.866
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FDA - Food Additives Generally Recognized as Safe (GRAS)

Glycerine	56-81-5	21 CFR 182.90, 21 CFR 182.1320
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FEMA (Flavor and Extract Manufacturers Association) - FEMA Numbers

Glycerine	56-81-5	2525
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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)Hazard categories Immediate Hazard - No
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

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	No

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

International regulations The product does not need to be labelled in accordance with EC directives or respective national laws.**State regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.**Massachusetts - Right To Know List**

Glycerine 56-81-5 Present

Pennsylvania - RTK (Right to Know) List

Glycerine 56-81-5 Present

16. Other Information**HMIS ratings** Health: 0
Flammability: 0
Physical hazard: 0**NFPA ratings** Health: 0
Flammability: 0
Instability: 0**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.**Issue date** 31-Mar-2006