

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** Motions Neutralizing Shampoo  
**Revision date** 31-Aug-2007  
**CAS #** Mixture  
**Product use** Hair Shampoo  
**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** Contact with eyes may cause irritation. Health injuries are not known or expected under normal use. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.  
**OSHA regulatory status** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).  
**Potential 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.  
**Potential environmental effects** This material is not expected to be harmful to aquatic life.

## 3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

## 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** Wash off with soap and water. Get medical attention if irritation develops or persists.  
**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. 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.  
**General advice** If you feel unwell, seek medical advice (show the label where possible).

## 5. Fire Fighting Measures

**Flammable properties** The product is not flammable.  
**Extinguishing media**  
**Suitable extinguishing media** Water.  
Large Fires: Water spray, fog or regular foam.  
Small Fires: Dry chemical, CO2, water spray or regular foam.

## 6. Accidental Release Measures

**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 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. 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. Keep this material away from food, drink and animal feed.

## 8. Exposure Controls / Personal Protection

**Exposure guidelines**

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

**Personal protective equipment**

**Eye / face protection** Avoid contact with eyes. Applicable for industrial settings only. Wear chemical goggles.

**Skin protection** Not normally needed. Applicable for industrial settings only. Use personal protective equipment as required.

**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.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Not available
<b>Clarity</b>	Not available
<b>Color</b>	Not available
<b>Form</b>	Liquid.
<b>Odor</b>	Not available
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Liquid.
<b>pH</b>	5 - 5.5
<b>Melting point</b>	Not available
<b>Freezing point</b>	Not available
<b>Boiling point</b>	Not available
<b>Flash point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	Not available
<b>Relative density</b>	Not available
<b>Solubility (H2O)</b>	Not available
<b>Octanol/H2O coeff</b>	Not available
<b>Auto-ignition temperature</b>	478.4 °F (248 °C) estimated
<b>Decomposition temperature</b>	Not available
<b>VOC (Weight %)</b>	0.15 % estimated
<b>Viscosity</b>	5000 - 8000 cps LV / Spindle 4 / 30 rpm / 60 sec

## 10. Chemical Stability & Reactivity Information

**Chemical stability** Stable at normal conditions.

## 11. Toxicological Information

**Acute effects** Acute LD50: 20104 mg/kg estimated, Rat, Oral  
Acute LC50: 55467 mg/l/4h estimated, Rat, Inhalation

### Component analysis - LD50

**Sensitization** Not expected to be hazardous by OSHA criteria.

**Chronic effects** Not expected to be hazardous by OSHA criteria.

**Carcinogenicity** Not expected to be hazardous by OSHA criteria.

**Neurological effects** Not expected to be hazardous by OSHA criteria.

**Mutagenicity** Not expected to be hazardous by OSHA criteria.

**Reproductive effects** Not expected to be hazardous by OSHA criteria.

**Teratogenicity** Not expected to be hazardous by OSHA criteria.

**Epidemiology** Not expected to be hazardous by OSHA criteria.

**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

## 13. Disposal Considerations

**Disposal instructions** Dispose in accordance with all applicable regulations. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. 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.

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

### 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)

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

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

**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 is classified and labelled in accordance with EC directives or respective national laws. This safety datasheet complies with the requirements of Directive 2001/58/EC.

**State regulations**

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

**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-Aug-2007