

MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

MOTIONS HAIR RELAXER BULK – REGULAR, MILD AND SUPER

CATALOG NUMBER: FOR MANUFACTURING MRR, MRM, MRS

Manufacturer: MOTIONS

Emergency Phone: (708) 450-3175

Business Phone: (708) 450-3135

Name of Preparer: MOTIONS

2525 Armitage Avenue
Melrose Park, Illinois 60160

Date Prepared: June 18, 1999

Date Revised: June 14, 2002

(ANSI Format)

MSDS ID#: 94461, 94463, 94462

Section 2 – Composition, Information on Ingredients

Chemical Identity	CAS Numbers	Approx %	Exposure Limits in Air OSHA (PEL) ACGIH (TLV)		LD50 (oral-rat) ¹
Sodium Hydroxide	001310-73-2	2.2 Max.	2mg/m ³ *	2mg/m ³ **	Not Avail.

The remaining ingredients are not hazardous at the concentrations and combinations used.

¹SAX'S, "Dangerous Properties of Industrial Materials", 10th Edition

*Dust level as dry raw material – Ceiling Value

**Dust level as dry raw material – Ceiling Value

Section 3- Hazard Identification

Route(s) of Entry Inhalation: ____ Skin: X Ingestion: X

Health Hazards: Product is a skin, eye and mucous membrane irritant.

Section 4- First Aid Measures

Eye Contact: Immediately rinse well with plenty of running water for at least 15 minutes. Seek medical attention.

Ingestion: Product is corrosive to mucous membranes. If accidentally swallowed, consult a physician immediately.

Skin Contact: May cause skin irritation. Long term exposure can cause chemical burns. Wash well with soap and water.

Section 5- Fire-Fighting Measures

Flash Point: N/A

Method used: N/A

Auto Ignition Temperature: N/A

Extinguishing Media: Water Spray; Foam; Carbon Dioxide; Dry Chemical

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Section 6 – Accidental Release Measures

Small spills can be cleaned up with rags, paper towels or a mop. Large spills can be picked up with an inert absorbent. Contaminated absorbent should be disposed of properly. Rinse area with water to remove residual product. Beware of slippery floors.

Section 7- Handling and Storage

Cool dry storage. Protect from freezing. Keep out of reach of children. Use only as directed.

Section 8 – Exposure Controls and Personal Protection

Specified Respiratory Protection: None required for normal usage

Protective Gloves: Rubber or plastic

Ventilation required: None required for normal usage

Other Protective Equipment: N/A

Eye Protection: Keep out of eyes – Safety glasses or goggles recommended for handling large quantities

Work/Hygienic Practices: Follow good manufacturing practices for handling chemicals

Section 9 – Physical and Chemical Properties

Physical Form: Heavy Cream

Boiling Point: N/A

Melting Point: N/A

Specific Gravity: 0.92-0.97

pH: 12-14+ (Estimated)

Water Solubility: Water dispersible

Vapor Density (air=1): Greater than 1

Appearance: White Cream

Evaporation Rate (Water=1): <<1

Odor: Characteristic Perfume

Section 10 – Stability and Reactivity

Product is stable

Incompatibility (materials to avoid): Metals, especially Aluminum and Zinc, Ammonia solutions, halogenated solvents, like Chloroform and other materials which react with Sodium Hydroxide.

Hazardous Decomposition or Byproducts: Carbon Monoxide, Nitrogen compounds, Carbon Dioxide, Hydrogen Chloride and unidentified organic compounds may be formed during combustion.

Hazardous polymerization cannot occur. Conditions to Avoid: Protect from extreme heat and freezing.

Section 11- Toxicological Information

Medical Conditions Generally Aggravated by Exposure: None known.

Section 12 – Ecological Information

Large quantities should not be discharged into waterways to prevent pollution of the waterways.

Section 13 – Disposal Considerations

Empty containers can be disposed of in the trash or recycled if facilities exist. Contact a licensed waste management company for disposal of a large number of filled containers.

Section 14- Transport Information

The following information is presented only as a guideline as shipping regulations frequently change. The shipper is responsible for checking the current regulations.

US SHIPPING (DOT) - Consumer Commodity and Inner Package Quantity Not Over 1.0 kg (2.2 lbs.)

Hazardous materials description and proper shipping name: Consumer Commodity

Hazard class: ORM-D

Identification number: None

Labels required: None

US SHIPPING (DOT) – Non-Consumer Commodity or Consumer Commodity and Inner Packaging Quantity **Over** 1.0 kg (2.2 lbs.)

Hazardous materials description and proper shipping name: Corrosive Solid, n.o.s. (Sodium Hydroxide)

Hazard class: 8

Packing Group II

Identification number: UN1759

Labels required: Corrosive

INTERNATIONAL SHIPPING BY AIR (IATA) - Finished Product

Hazardous Material Description and Proper Shipping Name: Corrosive Solid, n.o.s. (Sodium Hydroxide)

Hazard Class: Corrosive Solid

Identification: UN1759

Packing Group: II

Labels Required: Corrosive

INTERNATIONAL SHIPPING BY OCEAN (IMO) - Finished Product

Hazardous Material Description and Proper Shipping Name: Corrosive Solid, n.o.s. (Sodium Hydroxide)

Hazard Class: 8

Identification: UN1759

Packing Group: II

Labels Required: Corrosive

For shipping to any destination, appropriate packaging materials and labels must be used. If classified as hazardous, see UPS Guide for Shipping Ground and Air Hazardous Materials, IATA Dangerous Goods Regulations (38th Edition), US Dept. of Transportation Regulations in 49 CFR 172, et seq., IMO and ICAO guidelines. If applicable, Parcel to be packed with closures upward and to be marked with package orientation arrows on two opposite vertical sides of the package. The arrows must point in the correct UPRIGHT direction.

Section 15 – Regulatory Information

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Section 16 - Other Information

Notice: The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct, however, no warranty, expressly implied or otherwise, is made to the accuracy or suitability of this information to the purchaser's intended purpose or for consequences of its use. Use these materials only as directed. For further information concerning product safety and use, call the number listed on the front of the MSDS.