

MATERIAL SAFETY DATA SHEET

MSDS L-203 REVISION 1

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SUBSTANCE IDENTIFICATION

SUBSTANCE: SLURRY MIXTURE for BAR SOAP

TRADE NAMES/SYNONYMS: **SLURRY: MOUNTAIN FRESH, BLUE, SCRAP/RECYCLE**

CHEMICAL FAMILY: Mixture

I.D. NUMBER: 901440

NFPA RATINGS (Scale 0-4, where 4=high degree of hazard): HEALTH=1 FLAMMABILITY=0 REACTIVITY=1
HMIS RATINGS (Scale 0-4, where 4=severe hazard): HEALTH=1 FLAMMABILITY=0 REACTIVITY=1

HAZARDOUS INGREDIENT INFORMATION

COMPONENT: GLYCERIN CAS# 56-81-5
5 mg/m³ OSHA TWA (respirable fraction); 10 mg/m³ OSHA TWA (total mist)
10 mg/m³ ACGIH TWA (total mist)

Carcinogen status of components: Not listed as carcinogenic by NTP, IARC, or OSHA.

PHYSICAL AND CHEMICAL DATA

DESCRIPTION: Blue odorless liquid. SOLUBILITY IN WATER: Soluble.

pH: 11.0 – 11.4

FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION HAZARD - Negligible fire hazard when exposed to heat or flame.

FIRE FIGHTING MEDIA - Dry chemical, carbon dioxide, water spray or regular foam.

FIRE FIGHTING - Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing vapors, keep upwind.

HEALTH HAZARD DATA

NOTE: The acute health effects described below are those which could potentially occur for the mixture. They are based on the toxicology information available for the mixture and/or each hazardous ingredient, and are consistent with the mixture type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated.

ACUTE HEALTH EFFECTS:

INHALATION: Not an anticipated route of exposure given the physical properties of the mixture.

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

INGESTION: May cause mild gastrointestinal irritation.

CHRONIC HEALTH EFFECTS: None known.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Persons with pre-existing skin or respiratory conditions.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove from exposure area to fresh air immediately. Keep affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center. If breathing has stopped, give artificial respiration, and get medical attention immediately.

SKIN CONTACT: Rinse affected area with plenty of soap and water until no evidence of mixture remains. Get medical attention if irritation persists.

EYE CONTACT: Rinse eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of mixture remains. Get medical attention if pain or irritation persist.

INGESTION: Contact physician or poison control center. Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink.

REACTIVITY

REACTIVITY - Stable under normal temperatures and pressures.

INCOMPATIBILITIES: Strong mineral acids, strong oxidizing and reducing agents, alkalis.

DECOMPOSITION - Thermal decomposition may release toxic and/or hazardous fumes and gases. A small amount (< 0.1% as Cr) of reversion to hexavalent Cr may occur if slurry mixture is exposed to elevated temperatures.

POLYMERIZATION - Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

STORAGE AND DISPOSAL

Store away from incompatible substances. Observe all federal, state and local regulations when storing or disposing of this substance.

CONDITIONS TO AVOID

Avoid contact with incompatible substances and excessive heat.

SPILL AND LEAK PROCEDURES

OCCUPATIONAL SPILL - Stop leak if you can do it without risk. For small spills, take up with sand or other absorbent material and place into clean, dry containers for later disposal. For larger spills, dike far ahead of spill for later disposal. Do not leave on floor - material makes it slippery. Keep unnecessary people away and isolate hazard area.

OCCUPATIONAL PROTECTIVE EQUIPMENT

VENTILATION – Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

RESPIRATOR – Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the established permissible exposure limits. If respiratory protection is required, it must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA).

FOR FIRE FIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS -

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

CLOTHING - Protective clothing (impervious) is required where repeated or prolonged skin contact may occur.

GLOVES - Chemical-resistant gloves are required where repeated or prolonged skin contact may occur.

EYE PROTECTION - Safety glasses with side shields or safety goggles are required to prevent eye contact where splashing or misting of product may occur.

REGULATORY INFORMATION

DOT FLAMMABILITY CLASSIFICATION: Not applicable.

EPA - SARA TITLE III Information: Not applicable.

TSCA: All components of this product are listed or are exempted or excluded from listing on the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory.

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MSDS CREATION DATE: 09/16/99

SUPERSEDES: Rev 0; 09/16/99

REVISION DATE: 11/11/04

REVISION: Updated address information, Hazardous Ingredient, Physical and Chemical Data, Health Hazard Data, Reactivity and Regulatory Information sections.