



PO Box 32 ▾ 105 Liberty Street ▾ Winona, MN 55987 ▾ Phone: 800-533-0027 or 507-454-5640 ▾ Fax: 507-454-5641

FOR CHEMICAL EMERGENCY

Involving Shipping and Handling Spills, Leak, Fire, Exposure or Accident

Call CHEMTREC 1-800-424-9300

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

Section 1 - Product Identification

Product Name: Blu-Magik® Detergent, all sizes

Product ID: 2210X

Section 2 - Composition/Information on Ingredients**CHEMICAL NAME****CAS REG. #**

Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched

127087-87-0

Poly(ethylene oxide)

25322-68-3

Dinonylphenyl polyoxyethylene

9014-93-1

*Other ingredients are judged to be non-hazardous, their CAS numbers and their exact percent of composition are proprietary to National Chemicals, Inc.***Section 3 - Hazards Identification**

NFPA: Health 3 Fire 1 Reactivity 0

EMERGENCY OVERVIEW: WARNING! Can cause eye irritation. May be harmful if absorbed through skin. May be harmful if swallowed. Do not breathe the vapor or mist. Keep container tightly closed. Wash thoroughly after handling.**EYE CONTACT:** May cause irritation or injury.**SKIN CONTACT:** Prolonged contact may cause slight skin irritation with local redness.**INHALATION:** Vapor and/or mist may cause irritation of the upper respiratory tract.**INGESTION:** Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury. Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia.**Section 4 - First Aid Measures****EYES:** Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes lifting the upper and lower eyelids intermittently. Obtain medical attention without delay.**SKIN:** Wash skin with plenty of water. Remove contaminated clothing, jewelry, and shoes immediately. Thoroughly clean and dry contaminated clothing and shoes before reuse.**INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen.**INGESTION:** Do not induce vomiting. Call a physician and/or transport to emergency facility immediately.**NOTES TO PHYSICIAN:** Maintain adequate ventilation and oxygenation of the patient. Respiratory symptoms, including pulmonary edema, may be delayed. Persons receiving significant exposure should be observed 24-48 hours for signs of respiratory distress. The decision of whether to induce vomiting or not should be made by a physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.**Section 5 - Fire Fighting Measures****EXTINGUISHING MEDIA:** Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Do not use direct water stream. May spread fire. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.**FIRE FIGHTING:** Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.**Section 6 - Accidental Release Measures**

Ventilate area. Wear appropriate personal protective equipment. Keep unnecessary and unprotected personnel away. Contain spilled material with dikes, sandbags, etc. Absorb with materials such as: sand, dirt or flush spill with plenty of water before disposal.

Section 7 - Handling and Storage**HANDLING:** Avoid breathing vapor or mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. When mixing, slowly add chemical to water. Never add water to chemical.**STORAGE:** Keep container tightly closed and properly labeled. Store in a cool, dry place. Keep separated from incompatible substances (see Section 10).

Section 8 - Exposure Controls and Personal Protection

VENTILATION: Provide local exhaust ventilation where vapor or mist may be generated.

EYE PROTECTION: Wear safety glasses with side shields.

SKIN: Use impervious gloves (rubber or neoprene). Wear chemical resistant clothing and rubber boots when potential for contact with the material exists. Always place pants legs over boots. Thoroughly clean and dry contaminated clothing before reuse.

Section 9 - Physical and Chemical Properties

APPEARANCE: blue liquid

ODOR: mild

FLASH POINT: Not flammable

WATER SOLUBILITY: soluble

BOILING POINT: No data available

FREEZING POINT: 32° F

VAPOR PRESSURE: No data available

VAPOR DENSITY: >1

Section 10 - Stability and Reactivity

STABILITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: Exposure to elevated temperatures can cause product to decompose.

INCOMPATIBILITIES: Avoid contact with: Strong acids. Strong bases. Strong oxidizers.

POLYMERIZATION: Will not polymerize.

Section 11 - Toxicological Information

CARCINOGENICITY: Did not cause cancer in laboratory animals.

Section 12 - Ecological Information

ECOTOXICITY: For this family of materials: Material is moderately toxic to aquatic organisms on an acute basis.

Section 13 - Disposal Considerations

Reuse or reprocess if possible. Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

Not classified as hazardous according to Department of Transportation.

Section 15 - Regulations

OSHA HAZARD COMMUNICATION STANDARD: This product is a Hazardous Chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 Title III Sections 311 and 312:

IMMEDIATE (ACUTE) HEALTH HAZARD: Yes

DELAYED (CHRONIC) HEALTH HAZARD: Yes

FIRE HAZARD: No

REACTIVE HAZARD: No

SUDDEN RELEASE OF PRESSURE HAZARD: No

Section 16 - Other Information

SUPERSEDES DATE: April 12, 2009

The information and recommendations in this Material Safety Data Sheet are based upon data believed to be correct and does not relate to its use in combination with any other material or process. Since use conditions vary, we assume no liability for failure to follow product use direction and safety precautions. As data, standards and regulations change; NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.