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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**

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

Poly(ethylene oxide)

Dinonylphenyl polyoxyethylene

CAS REG. #

127087-87-0

25322-68-3

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****WARNING!** Can cause eye irritation. Can be harmful if inhaled. May be harmful if absorbed through skin. May be harmful if swallowed. Aspiration hazard. Can enter lungs and cause damage.**INHALATION:** Prolonged excessive exposure may cause serious adverse effects. Vapor and/or mist may cause irritation of the upper respiratory tract.**SKIN CONTACT:** Prolonged contact may cause slight skin irritation with local redness.**EYE CONTACT:** May cause severe eye irritation. May cause severe corneal injury.**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****EYE CONTACT:** Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay.**SKIN CONTACT:** Wash skin with plenty of water.**INHALATION:** Move person to fresh air. If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). If breathing is difficult, give. Call a physician or transport to a medical facility.**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 PROCEDURES:** Keep people away. Isolate fire and deny unnecessary entry. 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 to**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**

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Ventilate area of leak or spill. Use appropriate safety equipment. Contain spilled material if possible. Absorb with materials such as: Sand. Dirt. Collect in suitable and properly labeled containers. Do not use water for cleanup. See Section 13, Disposal Considerations, for additional information.

ENVIRONMENTAL PRECAUTIONS: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Section 7 - Handling and Storage

SHELF LIFE: Use within 24 Months The shelf life given is for unopened containers stored under moderate temperature conditions.

HANDLING: Avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Do not swallow. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation.

Section 8 - Exposure Controls and Personal Protection

EYE/FACE PROTECTION: Use chemical goggles.

SKIN PROTECTION: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

HAND PROTECTION: Wear appropriate chemical resistant gloves.

RESPIRATORY PROTECTION: When respiratory protection is required for certain operations, use an approved air-purifying respirator.

Section 9 - Physical and Chemical Properties

APPEARANCE:	blue liquid	ODOR:	mild
FLASH POINT:	Not flammable	WATER SOLUBILITY:	100%
BOILING POINT:	Not available	FREEZING POINT:	32° F
VAPOR PRESSURE:	Not available	VAPOR DENSITY:	>1

Section 10 - Stability and Reactivity

STABILITY: Thermally stable at typical use temperatures.

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.

Section 14 - Transport Information

DOT NON-BULK: Not regulated DOT BULK: Not regulated IMDG: Not regulated ICAO/IATA: Not regulated

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 (Emergency Planning and Community Right-to-Know Act of 1986) 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

SUPERCEDES DATE: January 1, 2005

NFPA: Health 3 Fire 1 Reactivity 0

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.