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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: LFD® Detergent, all sizes

Product ID: 2101X

Section 2 - Composition/Information on Ingredients**CHEMICAL NAME**

Methyl-oxirane polymer with oxirane

CAS REG. #

9003-11-6

Glycolic Acid

79-14-1

*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**

HMIS RATING: Health 1 Flammability 1 Physical Hazard 0

NFPA: Health 1 Fire 1 Reactivity 0

EMERGENCY OVERVIEW: **WARNING!** May cause eye, skin and respiratory tract irritation. May be harmful or fatal if swallowed. Avoid contact with the skin, eyes and clothing. Wash thoroughly after handling.**Section 4 - First Aid Measures**

GET MEDICAL ATTENTION IMMEDIATELY.

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. Washing eyes within several seconds is essential to achieve maximum effectiveness.

SKIN: Immediately flush contaminated areas with water. Remove contaminated clothing, jewelry, and shoes immediately. Wash contaminated areas with soap and water. 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: Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. Give large amounts of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops.

Section 5 - Fire Fighting Measures

FLASH POINT: approx. > 419° C (ASTM D92)

AUTO-IGNITION: No data available.

EXTINGUISHING MEDIA: water, dry extinguishing media, foam

Section 9 - Accidental Release Measures

Wear appropriate personal protective equipment. Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Remove soiled clothing and launder before reuse.

Section 7 - Handling and Storage

HANDLING: 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 containers in a cool, dry place, away from acids.

Section 8 - Exposure Controls / Personal Protection

EYE PROTECTION: Wear safety glasses with side shields.

RESPIRATORY: Wear respiratory protection if ventilation is inadequate.

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: Colorless to light yellow liquid

ODOR: mild of polyol

FLASH POINT: not flammable

SOLUBILITY: soluble

FREEZING POINT: -10° C

EVAPORATION RATE: no data available

VAPOR DENSITY: no data available

VAPOR PRESSURE: no data available

Section 10 - Stability and Reactivity

STABILITY: Stable
CONDITIONS TO AVOID: No data available.
INCOMPATIBLE MATERIALS: Reactive with oxidizing agents, alkalis.
HAZARDOUS DECOMPOSITION: No data available.

Section 11 - Toxicological Information

When in solution, this material will affect all tissues with which it comes in contact. The severity of the tissue damage is a function of concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur.

Section 12 - Ecological Information

ECOTOXICITY: Not available.
BOD5 AND COD: Not available.

Section 13 - Disposal Method

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

Section 14 - Transportation Information

Not classified as hazardous according to Department of Transportation.

Section 15 - Regulatory Information

TSCA INVENTORY STATUS (40 CFR 710): Methyl-oxirane polymer with oxirane and Glycolic acid are listed.

Section 16 - Other Information

SUPERSEDES DATE: June 30, 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.