

POLY RESEARCH CORPORATION -- LITHIUM HYDROXIDE -- 6810-01-216-7108

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Product Identification
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Product ID:LITHIUM HYDROXIDE

MSDS Date:04/05/1993

FSC:6810

NIIN:01-216-7108

MSDS Number: CBQTQ

=== Responsible Party ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

Info Phone Num:516-758-0460

Emergency Phone Num:800-424-9300 CH

EMTREC

CAGE:64713

=== Contractor Identification ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

Box:City:HOLTSVILLE

State:NY

ZIP:11742-2007

Country:US

Phone:516-758-0460

CAGE:64713

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Composition/Information on Ingredients
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Ingred Name:LITHIUM HYDROXIDE

CAS:1310-65-2

RTECS #:OJ6307070

Fraction by Wt: 99%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:

YES Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: ACUTE: CORROSIVE TO SKIN, EYES, NOSE, THROAT AND RESPIRATORY TRACT. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure: CORROSIVE TO EYES, SKIN, NOSE, THROAT, RESPIRATORY SYSTEM.

Medical Cond Aggravated by Exposure: NO APPLICABLE DATA FOUND.

===== First Aid Measures =====

First Aid: EYES-FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS. IMMEDIATELY SEE PHYSICIAN. SKIN-IMMEDIATELY FLUSH WITH WATER. SEE PHYSICIAN IF IRRITATION PERSISTS. INHALED-REMOVE TO FRESH AIR. SUPPORT RESPIRATION AS NEEDED. SEE PHYSICIAN IF BREATHING DISCOMFORT PERSISTS. INGESTED-IF CONSCIOUS, DRINK 2 GLASSES WATER. DO NOT INDUCE VOMITING! SEE PHYSICIAN IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point: NONE

Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: NONE.

Unusual Fire/Explosion Hazard: NONE; THIS PRODUCT IS NOT EXPLOSIVE.

===== Accidental Release Measures =====

Spill Release Procedures: SWEEP UP AND PLACE IN A SUITABLE CONTAINER.

DLA-HMIS: WEAR PROPER PERSONAL PROTECTIVE GEAR/CLOTHING.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions: STORE AWAY FROM ACIDS AND WATER. DO NOT GET IN EYES, ON SKIN OR CLOTHING. AVOID BREATHING DUST. WASH THOROUGHLY AFTER HANDLING.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR A

N AIR-SUPPLIED RESPIRATOR OR SCBA, AS

REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE WITH ADEQUATE VENTILATION.

Protective Gloves:RUBBER.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:EYE WASH STATION & QUICK DRENCH SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS PRESENTED BY CAGE 64713 FOR CONTRACT SP0450-96

-M-L937.

===== Physical/Chemical Properties =====

HCC:B1

Melt/Freeze Pt:M.P/F.P Text:878F,470C

Spec Gravity:1.5

Solubility in Water:MODERATE

Appearance and Odor:WHITE CRYSTALS, ODORLESS.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS, ALUMINUM, ZINC.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:NONE.

Conditions to Avoid Polymerization:WILL NOT OCCUR. KEEP AW

AY FROM

ACIDS.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

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