

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

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Product Identification
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Product ID: LITHIUM HYDROXIDE, MONOHYDRATE

MSDS Date: 05/09/1989

FSC: 6810

NIIN: 01-216-7108

MSDS Number: BGQTC

=== 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 P

hone Num: 516-758-0460 ; 303-595-9048

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 MONOHYDRATE

CAS: 1310-66-3

RTECS #: OJ6307080

Fraction by Wt: 99.0%

Other REC Limits: NONE SPECIFIED

Ingred Name: WATER

CAS: 7732-18-5

RTECS #: ZC0110000

Fraction by Wt: B

ALANCE

Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====

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 ALL BODY
TISSUES;CHEMICAL BURNS /IRRITATION OF EYES,SKIN,RESPIRATORY OR
G,I.TRACT;REDNESS OR BURNS OF EYES ARE POSSIBLE.EYE AND LUNG DAMAGE
POSSIBLE
Explanation of Carcinogenicity:DATA PER MGF MSDS.
Effects of Overex
posure:SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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

First Aid:EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT
15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE
TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION
IMMEDIATELY.

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

Flash Point:NONE
Extingui
shing Media:NOT FLAMMABLE ;USE WATER FOG, CARBON DIOXIDE, FOAM,
OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.
Unusual Fire/Explosion Hazard:NONE EXPECTED

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR
FLODD WITH WATER AND COLLECT FOR PROPER
DISPOSAL IN AN APPROVED
CONTAINER.

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED
AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:WASH THOROUGHLY AFTER EACH USE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST
IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.
Ventilation:LOCAL/GENERAL TO M

AIN TAIN PEL/TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT EAT,DRINK,SMOKE.

Supplemental Safety and Health CORROSIVE MATEIAL;FOLLOW LABLE.

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

HCC:B1

Vapor Density:N.K

Spec Gravity:1.5

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olubility in Water:MODERATE

Appearance and Odor:WHITE CRYSTALS,ODORLESS

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

Stability Indicator/Materials to Avoid:YES

ACIDS,ALUMINUM,ZINC

Stability Condition to Avoid:NONE NOTED

Hazardous Decomposition Products:NOT SPECIFIED

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

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