

POLY RESEARCH CORP -- SULFURIC ACID -- 6810-00-146-7520

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Product Identification
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Product ID:SULFURIC ACID

MSDS Date:01/01/1987

FSC:6810

NIIN:00-146-7520

MSDS Number: BDCKJ

=== Responsible Party ===

Company Name:POLY RESEARCH CORP

Address:125 CORPORATE DR

City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

CAGE:6G250

=== Contractor Identification ===

Company Name:POLY RESEARCH CORP

Address:125

CORPORATE DR

Box:City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

CAGE:6G250

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Composition/Information on Ingredients
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Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 93.0%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Effects of Overexposure:CAUSES SEVERE BURNS, CONJUNCTIVITIS, CORNEAL NECROSIS, ULCERATION, IRRITATION OF NOSE AND THROAT, EDEMA.

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First Aid Measures
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First Aid:IRRIGATE EYES WITH WATER. WASH CONTAMINATED AREAS OF BODY WITH SOAP AND WATER. STOMACH WASH IF SWALLOWED.

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Fire Fighting Measures
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Fire Fighting Procedures:FLOOD WITH PLENTY OF WATER, NEUTRALIZE

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Accidental Release Measures
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Spill Release Procedures:COVER WITH SODIUM CARBONATE OR EQUAL MIXTURE OF SODA ASH AND SLAKED LIME. ADD WATER IF NECESSARY TO FORM SLURRY AFTER MIXING.

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Handling and Storage
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Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE AND PREVENT CONTACT WITH WATER. SEPARATE FROM CARBIDES, CHLORATES, NITRATES, PICRATES, AND POWDERED METALS.

Other Precautions:SEPARATE FROM COMBUSTIBLES. WEAR RUBBER GLOVES, CHEMICAL GOGGLES, RUBBER BOOTS AND A CHEMICAL CARTRIDGE RESPIRATOR.

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Exposure Controls/Personal Protection
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Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:RUBBER APRONS/BOOTS

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:C1

Boiling Pt:B.P. Text:554F,290C

Spec Gravity:1.84

Solubility in Water:APPRECIABLE

Appearance and Odor:CLEAR, COLORLESS, ODORLESS, OI

LY LIQUID.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

CARBIDES, CHLORATES, FULMINATES, NITRATES, PICRATES, POWDERED METALS.

Stability Condition to Avoid:HIGH HEAT

Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN GAS

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

Waste Disposal Methods:ADD SLOWLY TO LARGE AMOUNT OF SOLUTION OF SODA
ASH AND SLAKED LIME BY STIR
RING. DISCHARGE SOLUTION WITH LARGE
AMOUNT OF WATER INTO APPROVED DISPOSAL AREA.

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