

POLY RESEARCH CORP -- AMMONIUM HYDROXIDE -- 6810-00-222-9643

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Product Identification  
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Product ID:AMMONIUM HYDROXIDE

MSDS Date:03/23/1993

FSC:6810

NIIN:00-222-9643

MSDS Number: BXBKV

=== Responsible Party ===

Company Name:POLY RESEARCH CORP

Address:125 CORPORATE DR

City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

Info Phone Num:800-424-9300

Emergency Phone Num:800-424-9300

CAGE:5F238

=== Co

Contractor Identification ===

Company Name:POLY RESEARCH CORP

Address:125 CORPORATE DR

Box:City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

CAGE:5F238

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Composition/Information on Ingredients  
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Ingred Name:AMMONIUM HYDROXIDE (SARA III)

CAS:1336-21-6

RTECS #:BQ9625000

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:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IAR

C:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION-IS HARMFUL AND MAY BE FATAL.  
INHALATION-INHALATION OF VAPORS MAY CAUSE SEVERE IRRITATION OR  
BURNS OF THE RESPIRATORY SYSTEM, PULMONARY EDEMA OR LUNG  
INFLAMMATION. SKIN-CONTACT WITH SKIN MAY CAUSE SEVRE IRRITATION.  
EYE-MAY CAUSE PERMANENT DAMAGE TO THE CORNES & BLINDNESS MAY OCCUR.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:SWALLOWING-MAY CAUSE SEVERE BURNING OF THE  
MOUTH AND S

TOMACH. SKIN-CONTACT MAY CAUSE BURNS.

Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15  
MINUTES. CALL A PHYSICIAN. SKIN: FLUSH SKIN WITH PLENTY OF WATER  
FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A  
PHYSICIAN. INHA LATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN. GIVE  
OXYGEN IF BREATHING IS DIFFICULT. INGESTION: DO NOT INDUCE  
VOMITING. IF CONSCIOUS GIVE LARGE AMOUNTS OF WATER. THEN DILUTED  
VINEGAR OR FRUIT JUICE.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY. ALSO WATER SPRAY TO COOL FLAME EXPOSED  
CONTAINERS.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA WITH FULL  
FACEPIECE OPERATED IN A PRESSURE DEMAND OR OTHER POSITIVE PRESSURE  
MODE. DO NOT GET WATER IN CONTAINERS

Unusual Fire/Explosion Hazard:EXTREMELY PUGENT ODO  
R-CORROSIVE MATERIAL.

GIVES OFF FLAMMABLE VAPORS, VAPORS MAY FORM EXPLOSIVE MIXTURE WITH  
AIR. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE.

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

Spill Release Procedures:WEAR SELF CONTAINED BREATHING APPARATUS AND  
PROTECTIVE CLOTHING. STOP LEAK IF IT CAN BE DONE WITH OUT RISK.  
VENTILATE AREA. CAREFULLY NEUTRALIZE SPILL WITH DILUTE HYDROCHLORIC  
ACID. FLUSH AREA WITH FL OODING AMOUNTS OF WATER.

Neutralizing Agent

:DILUTE HCl.

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Handling and Storage  
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Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN CORROSIVE-PROOF AREA. STORE BELOW 25C.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection  
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Respiratory Protection:RESPIRATORY PROTECTION IS REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS UP TO 25 PPM, A CHEMICAL CARTRIDGE RESPIRATOR WITH AMMONIA /AMINE CARTRIDGE AND DUST/MIST FILTER IS RECOMMEND ED. ABOVE THIS LEVEL, SCBA IS ADVISED.

Ventilation:GENERAL OR LOCAL EXHAUST VENTILATION.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:EYE BATH & EMERGENCY SHOWER. APRON OR CLOTHING TO PROTECT SKIN. FACE SHIELD

Work Hygienic Practices:WASH AFTER USE.

Supplemental Safety and Health

NONE

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Physical/Chemical Properties  
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HCC:B1

Boiling Pt:B.P. Te

xt:83.0F,28.3C

Melt/Freeze Pt:M.P/F.P Text:-108F,-78C

Vapor Pres:720 @ 80F

Vapor Density:1.2 (AIR=1

Spec Gravity:0.90

Solubility in Water:MISCIBLE

Appearance and Odor:STRONG, ACRID, SUFFOCATING ODOR

Percent Volatiles by Volume:100

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, STRONG OXIDIZING MATERIALS, FOOD PRODUCTS, DIMETHYL SULFATE, BRASS, BRONZ.

Stability Condition to Avoid:HEAT

Hazardous Decomposition Produ

cts:AMMONIA GAS

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

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

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