

POLY RESEARCH CORPORATION -- NITRIC ACID, 1N SOLUTION -- 6810-00-270-9978

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Product Identification  
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Product ID:NITRIC ACID, 1N SOLUTION

MSDS Date:10/24/1989

FSC:6810

NIIN:00-270-9978

MSDS Number: BDRVP

=== 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:51

6-758-0460

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:NITRIC ACID (SARA III)

CAS:7697-37-2

RTECS #:QU5775000

Fraction by Wt: 7%

Other REC Limits:4 PPM (STEL)

OSHA PEL:2 PPM/4 STEL

ACGIH TLV:2 PPM/4 STEL; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Nam

e:WATER, CAS#7732-10-5

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 93.0%

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

LD50 LC50 Mixture:LDLO (ORAL HMN) IS 430 MG/KG

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:CORROSIVE AND OXIDANT TO SKIN AND MUCOUS MEMBRANES.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN, MUTAGEN, T ERATOGEN OR NEUROTOXIN.

Effects of Overexposure:YELLOW DISCOLORATION OF SKIN.

Medical Cond Aggravated by Exposure:OPEN CUTS AND SORES ARE GENERALLY AGGRAVATED BY EXPOSURE TO 1N NITRIC ACID.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:AS APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR A SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:DILUTE WITH WATER AND ABSORB WITH INERT ABSORBENT.

Neutralizing Agent:DILUTE WITH WATER.

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

Handling and Storage Precautions:DO NOT SPILL. AVOID CONTACT.  
Other Precautions:NONE

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

Respiratory Protection:NONE NORMALLY REQUIRED.  
Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.  
Protective Gloves:RUBBER GLOVES  
Eye Protection:CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:RUBBER APRON AND BOOTS  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE  
EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
NONE

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

HCC:C1  
Boiling Pt:B.P. Text:215F,102C  
Spec Gravity:1.04  
pH: