

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

===== Product Identification =====

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

===== Composition/Information on Ingredients =====

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%

===== 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.

===== 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.

===== 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.

===== 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 A

FTER 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: