

GREAT WESTERN CHEMICAL CO -- NITRIC ACID 42 BE -- 6810-00-237-2918

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

Product ID:NITRIC ACID 42 BE

MSDS Date:03/22/1990

FSC:6810

NIIN:00-237-2918

MSDS Number: BTRTT

=== Responsible Party ===

Company Name:GREAT WESTERN CHEMICAL CO

Address:808 S.W. 15TH AVENUE

City:PORTLAND

State:OR

ZIP:97205

Country:US

Info Phone Num:503-228-2600

Emergency Phone Num:503-228-2600

Preparer's Name:EDWARD DOHENY

CAGE:GREA1

=== Contractor Identificati

on ===

Company Name:GREAT WESTERN CHEMICAL CO

Address:808 S W 15 AVE

City:PORTLAND

State:OR

ZIP:97205

Country:US

Phone:503-228-2600

CAGE:GREA1

Company Name:SCIENTIFIC SUPPLY SYSTEMS

Address:143B MCDONNELL BLVD

Box:City:HAZELWOOD

State:MO

ZIP:63042

Country:US

Phone:314-731-3930

CAGE:1CVE8

Company Name:SILVER SALES

Address:5115 DOUGLAS FIR RD SUITE C

Box:City:CALABASES

State:CA

ZIP:91302

Country:US

Phone:818-591-0788 WAS IN TX

CAGE:0WG65

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

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Ingred Name:NITRIC ACID (SARA III)  
CAS:7697-37-2  
RTECS #:QU5775000  
Fraction by Wt: 67% MIN  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 PPM  
ACGIH TLV:2 PPM/4 STEL; 9394  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:TLV: AIR: 2 PPM  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE-"DANGER" CORROSIVE. SKI  
N"DANGER"  
CORROSIVE. INHALATION-HRAMFUL IF INHALED. INGESTION-HARMFUL IF  
SWALLOWED.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:SKIN IRRITATION/BURNS, EYE IRRITATION/BURNS,  
RESPRIATORY TRACT IRRITATION, GI TRACT DAMAGE.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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First Aid:EYES-IMMEDIATELY FLUSH WITH PLENTY OF CLEAN WATER FOR AT  
LEAST 15 MIN. CALL A PHYSICIAN. EXTERNAL-IMMEDIATELY FLUSH SKIN  
WITH PLENTY OF RUNNING WATER FOR AT LEAST 15 MINUTES. CALL  
PHYSICIAN INTERNAL-D O NOT INDUCE VOMITING. IMMEDIATELY DRINK A  
LAREG QUANTITY OF MILK OR WATER ABD CALL A PHYSICIAN.  
INHALATION-IMMEIDTAELY MOVE TO FRESH AIR. IF NOT BREATHING PERFORM  
CPR. IF HARD BREATHE, GIVE OXYGEN.

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

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Flash Point:NONFLAMMABLE  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:WATER, FOAM, CARBON DIOXIDE AND DRY CHEMICAL.  
Fire Fighting Procedures:WHEN FIRE FIHJTING, WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:WILL PRODUCE HAZARDOUS FUMES & HAZARDOUS DECOMPOSITION PRODUCTS. OXIDIZER! WILL SUPPORT COMBUSTION & CAN INCREASE THE FLAMMIBILITY OF COMBUSTIBLES, ETC.

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

Spill Release Procedures:CONTAIN SPILL. WEARING RECOMMENDED PROTECTIVE EQUIPMENT, CAREFULLY ADD LIME OR SODIUM BICARBONATE TO NEUTRALIZE SPILL AREA. PICK UP & CONTAINERIZE RESIDUES FOR DISPOSAL. FLUSH AREA WITH WATER; COLLECT RINSATES FOR DISPOSAL OR SEWER, AS APPROPRIATE.  
Neutralizing Agent:LIME OR SODIUM BICARBONATE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED.  
Other Precautions:FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. USE ONLY WITH ADEQUATE VENTILATION.

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

Respiratory Protection:IF THE OSHA-PEL IS EXCEEDED, A NIOSH APPROVED RESPIRATOR WITH SUPPLIED AIR IS REQUIRED.  
Ventilation:LOCAL EXHUAST-REQUIRED. MECHANICAL-AS A SUPPLE  
MENT TO THE  
LOCAL EXHAUST SYSTEM.  
Protective Gloves:RUBBER.  
Eye Protection:CHEMICAL GOGGLES.  
Other Protective Equipment:RUBBER APRON, RUBBER BOOTS, EYEWASH, SAFETY SHIWER.  
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

HCC:C1  
Boiling Pt:B.P. Text:250F,121C  
Melt/Freeze Pt:M.

P/F.P Text:-31F,-35C

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.408

pH: