

POLYSCIENCES,INC. -- CITRIC ACID,ANHYDROUS -- 6810-00-281-2014

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

Product ID:CITRIC ACID,ANHYDROUS

MSDS Date:03/04/1991

FSC:6810

NIIN:00-281-2014

MSDS Number: BDSQG

=== Responsible Party ===

Company Name:POLYSCIENCES,INC.

Address:400 VALLEY ROAD

City:WARRINGTON

State:PA

ZIP:18976

Country:US

Info Phone Num:215-343-6484

Emergency Phone Num:215-343-6484

CAGE:32939

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Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:POLYSCIENCES INC

Address:400 VALLEY RD

Box:City:WARRINGTON

State:PA

ZIP:18976

Country:US

Phone:215-343-6484

CAGE:32939

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

Ingred Name:CITRIC ACID,MONOHYDRATED

CAS:5949-29-1

RTECS #:GE7810000

Fraction by Wt: NEAR100%

Other REC Limi

ts:HMIS: 2 MG/M3 (DUST)

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT IS IRRITATING. TOXICITY IS  
MINIMAL. MOST DETRIMENTAL EXPOSURE SHOULD BE INHALATION OF DUST.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:MAY CAUSE SYMPTOMS OF RESPIRATORY  
IRRITATION:MAY  
ALSO CAUSE SKIN AND EYE IRRITATION.  
Medical Cond Aggravated by Exposure:NONE

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

First Aid:SKIN CONTACT:FLUSH WATER EYE CONTACT:FLUSH EYES WITH PLENTY  
OF WATER.GET MEDICAL CARE FOR EYES.

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

Flash Point:NONE  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL  
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED  
CONTAINERS.  
Fire  
Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL  
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

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

Spill Release Procedures:SWEEP AND SHOVEL AND RECOVER IT INTO A  
CONTAINER.FLUSH WITH WATER AND RECOVER IT IN A CONTAINER.  
Neutralizing Agent:SODIUM BICARBONATE

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

Handling and Storage Pre

cautions:STORE IN COOL,DRY AREA. KEEP CONTAINER  
CLOSED.

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

Respiratory Protection:NIOSH RESPIRATOR FOR DUSTS.  
Ventilation:USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GLASSES  
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE.  
Supplemental Safety and Health

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

HCC:N1  
NRC/State Lic Num:NOT RELEVANT  
Mel  
t/Freeze Pt:M.P/F.P Text:153F,67C  
Spec Gravity:1.54  
Evaporation Rate & Reference:NOT RELEVANT  
Solubility in Water:54% @ 50F (10C)  
Appearance and Odor:WHITE GRANULAR POWDER, STRONG ACID TASTE

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS  
Hazardous Decomposition Products:CARBON OXIDES

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

Waste Disposal Methods:DISP  
OSE IN NORMAL SOLIDS DISPOSAL SYSTEM  
ACCORDING TO LOCAL STATE AND FEDERAL SYSTEM.

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