

CHEMICAL COMMODITIES AGENCY,INC. -- OXALIC ACID,DIHYDRATE,TECHNICAL --  
6810-00-264-6625

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

Product ID:OXALIC ACID,DIHYDRATE,TECHNICAL

MSDS Date:01/01/1987

FSC:6810

NIIN:00-264-6625

MSDS Number: BDQTJ

=== Responsible Party ===

Company Name:CHEMICAL COMMODITIES AGENCY,INC.

Address:27447 PACIFIC STREET

City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Info Phone Num:714

-864-2310

Emergency Phone Num:714-864-2310

CAGE:60777

=== 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

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 50.0%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred

Name:PROPRIETARY COMPONENTS (INCLUDE WATER)

Fraction by Wt: 50.0%

ACGIH TLV:NOT SPECIFIED

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

Effects of Overexposure:INHAL:IRRITATES EYES,MUCOUS MEMB; SKIN: LOCAL  
ACID BURNS; INGEST:PAIN,CYANOSIS,SHOCK

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

First Aid:EYE:WASH IMMEDIATELY W/LARGE AMTS. OF WATER-GET MEDICAL ATTN;  
SKIN: FLUSH W/WATER PROMPTLY; INHAL: REMOVE TO FRESH AIR-  
ADMINISTER CPR/O

\*2 AS SITUATION DICTATES- GET MEDICAL ATTN; INGEST:  
USE WATER & NO VOMIT

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

Flash Point:NONE

Extinguishing Media:DOES NOT SUPPORT COMBUSTION; USE MEDIA APPROPR. FOR  
FIRE

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.

Unusual Fire/Explosion Hazard:ADDIG WATER PRODUCES HEAT,CAUSNG  
SPATTERING;WITH METALS,H\*2SO\*4,EMITS FLAMMABLE H\*2 GAS.

===== Accidental Release Measures =  
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Spill Release Procedures:SWEEP UP CRYSTALS & PLACE IN AN APPROVED  
CONTAINER; USE RUBBER GLOVES & PROPER PROTECTIVE CLOTHING; RINSE  
REMAINING RESIDUE WITH COPIOUS AMOUNTS OF WATER & ABSORB WITH  
VERMICULITE TYPE MATERIAL PLACIN G IN AN APPROVED CONTAINER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE.

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

Respiratory Pr

Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ACID MIST  
IF ABOVE TLV

Ventilation:LOCAL EXHAUST/GEN. MECH. TO MAINTAIN EXPOSURE LEVEL < TLV.

Protective Gloves:RUBBER GLOVES

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE  
WASH STATION

Supplemental Safety and Health

MSDS DATED:03/18/87

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

HCC:T3

Boiling Pt:B.P. Text:300F/148.9C

Spec Gravity:1.4

Solubility in Water:M

ODERATE

Appearance and Odor:COLORLESS CRYSTALS,ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,SILVER

Stability Condition to Avoid:HI-TEMPERATURES ABOVE 180-205F/82-9 6C

Hazardous Decomposition Products:FORMIC ACID, CARBON MONOXIDE, CARBON  
DIOXIDE

Conditions to Avoid Polymerization:WILL NOT POLYMERIZE

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

Waste Disposal Methods:IF REGULA

TIONS PERMIT, SMALL QUANTITIES MAYBE

DISSOLVED IN H\*2O NEUTRALIZED WITH AN ALKALI CAUSTIC & DRAINED TO  
AN AUTHORIZED SITE; A SOLID ACID MAYBE DISSOLVED IN A FLAMM.

SOLVENT & INCINERATED; OBSE RVE FEDERAL, STATE & LOCAL REGULATIONS.

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