

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:71

4-864-2310

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

Ingre

d 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 =====

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 P

rotection: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:

MODERATE

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 REGUL

ATIONS 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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