

ALLIED CHEMICAL CORP. -- OXALIC ACID -- 6810-00-264-6619

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

Product ID:OXALIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-264-6619

MSDS Number: BDQSY

=== Responsible Party ===

Company Name:ALLIED CHEMICAL CORP.

Emergency Phone Num:201-455-2000

CAGE:1L168

=== Contractor Identification ===

Company Name:ALLIED CHEMICAL COMPANY

Box:1087R

CAGE:1L168

Company Name:ALLIED-SI

GNAL INC

Address:Box:2332R

City:MORRISTOWN

State:NJ

ZIP:07962-2332

Country:US

Phone:201-455-4414

CAGE:1L164

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

Ingred Name:OXALIC ACID

CAS:144-62-7

RTECS #:RO2450000

Fraction by Wt: >99%

OSHA PEL:1 MG/M3/2 STEL

ACGIH TLV:1 MG/M3/2 STEL; 9192

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

Effects of Overexposure:EYES,SKIN,INHALE:CAUSES IRRITATION.

INGESTION:VERY TOXIC, CORROSIVE POISON.

=====

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

First Aid:EYES: IMMEDIATELY FLUSH W H\*2O,GET MEDICAL ATTN;SKIN:FLUSH W H\*2O;INHALED:GIVE ART RESPIR IF NEEDED,GET MED ATTN;INGESTED:DRINK H\*2O, DO NOT INDUCE VOMITING,GET MEDICAL ATTN.

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

Flash Point:SEE ADD DATA

Extinguishing Media:H\*2O SPRAY, DRY CHEM.,ALCOHOL FOAM, OR CO\*2.

Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP., & GOGGLES.

Unusual Fire/Explosion Haz

ard:IF MOLTEN, H\*2O OR FOAM MAY CAUSE

FROTHING. RELEASES FORMIC ACID, CO, & CO\*2 AT FIRE TEMPERAT

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

Spill Release Procedures:ELIMINATE FLAME/IGNITION SOURCES.SM

SPILL:SWEEP UP MATL. LG SPILL\*SHOVEL MATL INTO CONTAINERS.AVOID

DUSTING.NOTE:PRODUCT IS TOXIC.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL-VENTILATED AREA,AWAY FROM ANY ACUT

E FIRE HAZARDS.OUTSIDE STORAGE PREFERRED.

KEEP AWAY FROM FOODSTUFFS.

Other Precautions:NO SMOKING OR EATING WHEN HANDLING PRODUCT. CONTACT W

EYES MAY CAUSE CORNEAL DAMAGE. SEE NATIONAL SAFETY COUNCIL DATA

SHEET D-406, "OXALIC ACID".

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

Respiratory Protection:FUME OR HIGH EFF PARTICULATE RESPIR.

Ventilation:PROVIDE ADEQUATE EXHAUST TO MAINTAIN LOW DUST, LOW MIST.

Protective Gloves:RUBBER

Eye Protection:CHEM SAFETY GOGG

LES

Other Protective Equipment:RUBBER ARPON, FACE SHIELD, CLOTHING TO AVOID SKIN CONTACT

Supplemental Safety and Health

SYNONYMS:ETHANEDIOIC ACID;OXALIC ACID DIHYDRATE. SUBLIMES AT BOILING POINT. ITEM IS CLASS (LARGE CRYSTALS)IN SPECIFICATION.

LD50(ORL-RAT)IS 375MG/KG.

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

HCC:C3

Boiling Pt:B.P. Text:30SF, 150C

Spec Gravity:1.653

Solubility in Water:APPRECIABLE

Appearance and Odor:COLORLESS, ODORLESS CRYSTALS.

=====

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

Stability Indicator/Materials to Avoid: YES

AVOID OXIDANTS, CHLORITES, HYPOCHLORITES, FURFURYL ALC., SILVER

Stability Condition to Avoid: COMBUSTIBLE SOLID AT 215F; DECOMPOSES  
300-320F.

Hazardous Decomposition Products: FORMIC ACID, CO, CO\*2 REPORTED AT FIRE  
TEMPERATURE.

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

Waste Disposal Methods: DO NOT SEWER. SM & LG SPILL\* DEPOSIT IN POSTED  
TOXIC SUBSTANCE LANDFILL  
IN COMPLIANCE WITH LOCAL, STATE, & FEDERAL  
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the  
suitability of this information to their  
particular situation.