

ALLIED CHEMICAL CORP. -- OXALIC ACID -- 6810-00-264-3937

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

Product ID:OXALIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-264-3937

MSDS Number: BDQJR

=== 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.RES. 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 Hazard:  
IF MOLTEN, H\*2O OR FOAM MAY CAUSE FROTHING. RELEASES FORMIC ACID, CO, & CO\*2 AT FIRE TEMPERATURES.

=====  
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 A  
CUTE 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 GOG  
GLES.  
Other Protective Equipment:RUBBER APRON, FACE SHIELD, CLOTHING TO AVOID SKIN CONTACT.  
Supplemental Safety and Health

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

HCC:C2  
Boiling Pt:=150.C, 302.F  
Spec Gravity:.1653  
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.,SILV

ER

Stability Condition to Avoid:COMBUSTIBLE SOLID AT 215F;DECOMPOSES

300-320F

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

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

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

Disclaimer (provided with this information by the compiling agencies):

This information is formulate

d 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.