

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.

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First Aid Measures
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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.

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Fire Fighting Measures
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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

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Accidental Release Measures
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Spill Release Procedures:ELIMINATE FLAME/IGNITION SOURCES.SM

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

DUSTING.NOTE:PRODUCT IS TOXIC.

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Handling and Storage
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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".

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Exposure Controls/Personal Protection
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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.

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Physical/Chemical Properties
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HCC:C3

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

Spec Gravity:1.653

Solubility in Water:APPRECIABLE

Appearance and Odor:COLORLESS, ODORLESS CRYSTALS.

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===== 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.

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