

CHEM ONE CORP -- OXALIC ACID,DIHYDRATE -- 6810-00-264-3937

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

Product ID:OXALIC ACID,DIHYDRATE

MSDS Date:04/05/1995

FSC:6810

NIIN:00-264-3937

MSDS Number: CFFDH

=== Responsible Party ===

Company Name:CHEM ONE CORP

Address:15150 SOMMERMEYER

City:HOUSTON

State:TX

ZIP:77041

Country:US

Info Phone Num:713-896-9966

Emergency Phone Num:713-896-9966/800-424-9300(CHEMTREC)

C

AGE:0YSB8

=== Contractor Identification ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504-734-1971

CAGE:1V771

Company Name:CHEM ONE CORP

Address:15150 SOMMERMEYER

Box:City:HOUSTON

State:TX

ZIP:77041-5308

Country:US

Phone:713-896-9966

CAGE:0YSB8

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

Ingred Name:OXALIC ACID (DIHYDRATE)

CAS:144-62-7

RTECS #:RO2450000

Fraction by Wt: 99- 100%

Other REC Limits:

NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3/2 STEL; 9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, KIDNEY,
RESPIRATORY & GI TRACTS. ACUTE- POISON, MAY BE FATAL IF
SWALLOWED/INHALED. CONTACT MAY CAUSE DISCOLORATION,
IRRITATION/BURNS OF
SKIN. SEVERE EYE IRRITANT. CAN PRODUCE
IRREVERSIBLE EYE DAMAGE AFTER REPEATEDCONTACT. LARGE DOSES CAN
CAUSE IRREGULAR HEATBEAT, KIDNEY DAMAGE. CHRONIC- UNK.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:BURNS, SEVERE IRRITATION, PAIN, NAUSEA,
VOMITING, SHORTNESS OF BREATH, COUGHING, SORE THROAT, REDNESS OF
EYES AND SKIN, SHOCK, CONVULSION, COMA, HEADACHE, DIFFICULT
BREATHING, POSSIBLY DEATH
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR IMPAIRED KIDNEY OR RESPIRATORY FUNCTION
MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION. EYES/SKIN:FLUSH WITH WATER FOR 15
MINUTES. HOLD EYELIDS OPEN. REMOVE CONTAMINATED CLOTHING.
INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:DO
NOT INDUCE VOMITIN G. IF CONSCIOUS, DRINK PLENTY OF WATER.IF
VOMITING OCCURS, KEEP HEAD LOWER
THAN HIPS TO PREVENT ASPIRATION.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, ALCOHOL FOAM OR
DRY CHEMICAL. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION
PRODUCTS MAY BE FORMED.
Unusual Fire/Explosion Hazard:AS

WITH ANY FINELY DIVIDED ORGANIC SOLID,
DUST MAY BE EXPLOSIVE IF MIXED WITH AIR IN CRITICAL PROPORTIONS AND
IN THE PRESENCE OF AN IGNITION SOURCE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. RECOVER IF
POSSIBLE. SWEEP OR VACUUM INTO CLOSED CONTAINERS FOR DISPOSAL.
AVOID DUST GENERATION.

Neutralizing Agent:SODIUM BICARBONATE

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

Handling

and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINER IN
COOL, DRY, WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS.
KEEP AWAY FROM FOOD AND DRINK.

Other Precautions:USE WITH ADEQUATE VENTILATION. DO NOT GET IN EYES, ON
SKIN OR ON CLOTHING. DO NOT GENERATE DUST. DO NOT BREATHE DUST.
KEEP OUT OF REACH OF CHILDREN. WASH THOROUGHLY AFTER HANDLING.
EMPTY CONTAINERS RE TAIN RESIDUE AND CAN BE DANGEROUS.

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

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Respiratory Protection:NONE NORMALLY REQUIRED. UP TO 25 MG/M3, WEAR
NIOSH-APPROVED POWERED AIR-PURIFYING RESPIRATOR WITH DUST AND MIST
FILTERS/SUPPLIED AIR-RESPIRATOR. UP TO 50 MG/M3, WEAR A FULL
FACE-PIECE RESPIRATOR. UP T O 500 MG/M3, WEAR POSITIVE PRESS SCBA.

Ventilation:USE LOCAL EXHAUST (CORROSION-RESISTANT) TO CONTROL AIRBORNE
DUSTS.

Protective Gloves:NATURAL RUBBER, NEOPRENE, NITRILE

Eye Protection:CHEMICAL SAFETY GOGGLES &/OR FACESHIELD

Other Protective Equipment:RUBBE

R BOOTS, RUBBER APRON, EYE WASH

FOUNTAIN, SAFETY SHOWER

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

DO NOT EAT, DRINK OR SMOKE IN WORK AREAS.

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

HCC:C2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>148.9C, 300.F

B.P. Text:300F - 320F

Melt/Freeze Pt:=101.7C, 215.F

Spec Gravity:1.65

pH:1.3

Visc

osity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:SOLUBLE 100 G/LITER

Appearance and Odor:COLORLESS, TRANSPARENT SOLID - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, BASES, SILVER, ALKALI METALS, IRON AND IRON
COMPOUNDS, ACID CHLORIDES

Stability Condition to Avoid:EXCESSIVE HEAT (215F/102C)

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND
F

ORMIC ACID MAY BE FORMED. FUMES MAY BE TOXIC AND IRRITATING.

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT
TO LOCAL, STATE AND FEDERAL REGULATIONS. AS SHIPPED, NOT REGULATED
AS A HAZARDOUS WASTE. INCINERATION/RECYCLING OR REUSE IS
RECOMMENDED.

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