

## **AMMONIUM OXALATE (SEE SUPPL)**

### **MSDS Number**

CLDXJ

### **National Stock Number**

-

### **Product Name**

AMMONIUM OXALATE (SEE SUPPL)

### **Manufacturer**

ALDON CORP

### **Product Identification**

Product ID:AMMONIUM OXALATE (SEE SUPPL)

MSDS Date:09/22/1998

FSC:NIIN:Submitter:D DG

Status Code:A

MSDS Number: CLDXJ

### **Responsible Party**

ALDON CORPORATION

1533 W HENRIETTA RD

AVON , NY 14414-9508

US

Emergency Phone: 716-226-6177

Info Phone: 716-226-6177

Preparer: MICHAEL RASZEJA

Cage: 6V042

### **Contractor**

WARDS NATURAL SCIENCE ESTABLISHMENT INC

92912

ROCHESTER, NY 14692-9012

US

(716) 359-2502

Cage: 63759

### **Ingredients**

AMMONIUM OXALATE

CAS: 1113-38-8

RTECS: RO2750000

OSHA PELNOT PROVIDED

ACGIH TLV: NONE ESTABLISHED

### **Hazards**

LD50 LC50 Mixture:LD50 (ORL-RAT): 1.1 GRAM/KG.

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: OF DUST OR MIST MAY IRRITATE NOSE, THROAT, LUNGS. EXCESSIVE INHALATION MAY CAUSE SYSTEMIC POISONING. INGESTION: MAY CAUSE SYSTEMIC OXALATE POISONING AFFECTING CENTRAL NERVOUS SYSTEM (CNS), LIVER OR KIDNEYS. MAY CAUSE HYPOCALCEMIA, NEUROMUSCULAR SYMTOMS AND CARDIOVASCULAR COLLAPSE AND DEATH, IF SWALLOWED. CAN IRRITATE OR DAMAGE MOUTH,

THROAT, STOMACH. SKIN: MAY CAUSE MILD TO SEVERE IRRITATION, DEPENDING ON LENGTH OF EXPOSURE AND PROMPTNESS IN ADMINISTERING FIRST-AID. EYE: MATERIAL IS AN OCULAR IRRITANT AND MAY CAUSE CORNEAL BURNS. HEALING HAS BEEN COMPLETE WHEN FIRST-AID HAS BEEN PROMPTLY INITIATED.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: OF DUST OR MIST MAY IRRITATE NOSE, THROAT, LUNGS. MAY CAUSE CARDIOVASCULAR COLLAPSE AND DEATH, IF SWALLOWED. CAN IRRITATE OR DAMAGE MOUTH, THROAT, STOMACH. SKIN: MAY CAUSE MILD TO SEVERE IRRITATION, DEPENDING ON LENGTH OF EXPOSURE AND PROMPTNESS IN ADMINISTERING FIRST-AID. EYE: MATERIAL IS AN OCULAR IRRITANT AND MAY CAUSE CORNEAL BURNS.

Medical Cond Aggravated by Exposure:NOT PROVIDED

## First Aid

First Aid:SKIN: FLUSH WITH WATER, THEN WASH WITH MILD SOAP AND WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. IF CONSCIOUS, IMMEDIATELY GIVE LARGE VOLUME OF WATER OR MILK TO DRINK. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. EYE: IMMEDIATELY FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES, LIFTING LOWER AND UPPER EYELIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

## Fire Fighting

Flash Point:NON-FLAMMABLE

Extinguishing Media:USE ANY MEDIA SUITABLE FOR EXTINGUISHING SUPPORTING FIRE.

Fire Fighting Procedures:IN FIRE CONDITIONS, WEAR A NIOSH/MSHA-APPROVED SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS, TO KNOCK DOWN VAPORS AND LOCALIZE ANY SPILLED MATERIAL.

Unusual Fire/Explosion Hazard:DUST-AIR MIXTURES MIGHT IGNITE OR EXPLODE. DANGEROUS WHEN HEATED TO DECOMPOSITION, EMITS TOXIC FUMES; CAN REACT VIGOROUSLY WITH OXIDIZING MATERIALS.

## Accidental Release

Spill Release Procedures:SWEEP OR SHOVEL UP DRY CHEMICAL INTO AN EMPTY CONTAINER, AVOIDING DUSTY CONDITIONS, AND CLOSE FOR LATER USE OR DISPOSAL. USE SKIN AND EYE PROTECTION DURING CLEAN-UP OPERATIONS. MAXIMIZE RECOVERY; FLUSH RESIDUE WITH WATER, IF PERMITTED BY APPLICABLE DISPOSAL REGULATIONS.

Neutralizing Agent:NOT PROVIDED

## Handling

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP AWAY FROM FOOD OR FEED PRODUCTS. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:READ LABEL ON CONTAINER BEFORE USING. DO NOT WEAR CONTACT LENSES WHEN WORKING WITH CHEMICALS. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION. REMOVE AND WASH CONTAMINATED CLOTHING. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. KEEP OUT OF REACH OF CHILDREN.

## Exposure Controls

Respiratory Protection:NONE SHOULD BE NEEDED IN NORMAL LABORATORY HANDLING. IF DUSTY CONDITIONS PREVAIL, WORK IN VENTILATION HOOD OR WEAR A NIOSH/MSHA-APPROVED DUST MASK OR RESPIRATOR.

Ventilation:LOCAL EXHAUST: RECOMMENDED. MECHANICAL (GENERAL): RECOMMENDED.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GLASSES

Other Protective Equipment:GOGGLES, LAB COAT, VENTILATION HOOD, PROPER GLOVES, EYE WASH STATION.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health  
CONTD FROM PRODUCT ID: WARDS P/N: 37-0470. ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

## Chemical Properties

HCC:T4  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:DECOMPOSES  
Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES  
Decomp Temp:=70.C, 158.F  
Vapor Pres:NEGLIGIBLE AS SOLID  
Vapor Density:4.9(AIR=1)  
Spec Gravity:1.50 (H2O=1)  
pH:NOT PROVIDED  
Evaporation Rate & Reference:NON-VOLATILE (NA)  
Solubility in Water:25 GRAMS PER 100 ML@ 32F  
Appearance and Odor:FINE WHITE OR COLORLESS CRYSTALS; ODORLESS OR SLIGHT AMMONICAL ODOR  
Percent Volatiles by Volume:NON-VOLATILE  
Corrosion Rate:NOT PROVIDED

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS; CAN REACT VIOLENTLY WITH SODIUM HYPOCHLORITE PLUS AMMONIUM ACETATE.  
Stability Condition to Avoid:EXCESSIVE TEMPERATURE AND HEAT. DECOMPOSES AT 70 DEG C (158 DEG F)  
Hazardous Decomposition Products:ON HEATING, WE WOULD EXPECT AMMONIA GAS AND OXALIC ACID. THERMAL DECOMPOSITION OR BURNING MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE AND OXIDES OF NITROGEN (NOX)

## Disposal

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. THESE DISPOSAL GUIDELINES ARE INTENDED FOR THE DISPOSAL OF CATALOG-SIZE QUANTITIES ONLY. DISPOSE OF IN AN APPROVED INC INERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER OR CONTRACT WITH A LISCENCED WASTE DISPOSAL SERVI CE.

## Toxicology

Toxicological Information:LD50 (ORAL, RAT) 1,100 MG/KG. DERMAL: LD50 (RABBIT): GREATER THAN 2.0 GRAM/KG

## Other Information

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

Ecological:NOT PROVIDED

## Transport

Transport Information:D.O.T.: TOXIC SOLID, INORGANIC, N.O.S., (AMMONIUM OXALATE), 6.1, UN 3288, PG III.

## Regulatory

SARA Title III Information:NOT PROVIDED  
Federal Regulatory Information:NOT PROVIDED  
State Regulatory Information:NOT PROVIDED

