

Cab-12

ALDON CORP. -- COPPER SULFATE, 5-HYDRATE -- 0000-

## MSDS Safety Information

MSDS Date: 11/11/1996  
MSDS Num: CKBTD  
Tech Review: 02/10/2000  
Product ID: COPPER SULFATE, 5-HYDRATE  
Responsible Party  
Cage: 6V042  
Name: ALDON CORP.  
Address: 1533 W HENRIETTA RD  
City: AVON NY 14414 US  
Info Phone Number: 716-226-6177  
Emergency Phone Number: 716-226-6177  
Resp. Party Other MSDS No.: CC 535

## Ingredients

Cas: 7758-99-8  
RTECS #: GL8900000  
Name: CUPRIC SULFATE PENTAHYDRATE  
> Wt: 99.  
Ozone Depleting Chemical: N

## Health Hazards Data

LD50 LC50 Mixture: ORAL LD50(RAT): UNKNOWN.  
Effects of Exposure: INGESTION: ALTHOUGH A STRONG EMETIC, INGESTION CAN CAUSE COPPER POISONING AND/OR DEATH. EYES: CORROSIVE; CAUSES CONJUNCTIVITIS, SWELLING OF THE EYELIDS, ULCERATION AND BURN OF THE CORNEA. SKIN: CAUSES IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. INHALATION: CAUSES UPPER RESPIRATORY AND CONGESTION OF THE NASAL AND MUCOUS MEMBRANES.  
Signs And Symptions Of Overexposure: SYMPTOMS: NAUSEA, VOMITING, DIARRHEA, GASTRIC PAIN, AND HEMORRHAGIC GASTRITIS.  
First Aid: INHALATION-REMOVE TO FRESH AIR. IF BREATHING HAS SYOPPED, GIVE MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. EYES-FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MIN, LIFT ING LOWER AND UPPER EYELIDS OCCASIONALLY. IET MEDICAL ATTENTION. SKIN-FLUSH WITH WATER, THEN WASH WITH SOAP AND WATER. INGESTION-IF SWALLOWED, IF CONSCIOUS, GIVE ONE OR TWO GLASSES OF WATER TO DRINK, INDUCE VOMITING & CALL PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

## Handling and Disposal

Spill Release Procedures: VENTILATE THE AREA. SPRINKLE LIME SODA ASH ON SPILL TO FORM INSOLUBLE COPPER SALT. SWEEP UP AND PLACE IN A SUITABLE CONTAINER FOR DISPOSAL. WASH SPILL AREA WITH SOAP AND WATER. PREVENT MATERIAL FROM ENTERING SEWERS AND WATERWAYS.  
Waste Disposal Methods: DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. THESE GUIDELINES ARE INTENDED FOR THE DISPOSAL OF CATALOG-SIZE QUANTITIES ONLY. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.  
Handling And Storage Precautions: STORE IN A COOL, DRY PLACE. WASH THOROUGHLY AFTER HANDLING.  
Other Precautions: READ LABEL ON CONTAINER BEFORE USING. DO NOT WEAR CONTACT LENSES WHEN WORKING WITH CHEMICALS. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD OR HOUSEHOLD USE. KEEP OUT OF REACH OF CHILDREN. AVOID

CONTACT WITH SKIN, EYES AND CLOTHING. AVOID BREATHING DUST. WASH  
CONTAMINATED CLOTHING BEFORE RESUE.

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Fire and Explosion Hazard Information  
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Extinguishing Media: USE ANY MEDIA SUITABLE FOR EXTINGUISHING SUPPORTING  
FIRE.

Fire Fighting Procedures: IN FIRE CONDITIONS, FIREFIGHTERS SHOULD WEAR  
PROTECTIVE CLOTHING AND A NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING  
APPARATUS. CUPRIC SULFATE WILL NOT BURN, NOR WILL IT SUPPORT  
COMBUSTION. CARE SHOULD BE TAKEN TO KEEP MATERIAL OUT OF STREAMS OR  
OTHER WATER BODIES.

Unusual Fire/Explosion Hazard: FIRE OR EXCESSIVE HEAT MAY PRODUCE SULFUR  
OXIDES.

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Control Measures  
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Respiratory Protection: NONE SHOULD BE REQUIRED IN NORMAL LABORATORY USE.  
IF DUSTY CONDITIONS PREVAIL WORK IN A VENTILATION HOOD OR WEAR A  
NIOSH/MSHA-APPROVED DUST MASK.

Ventilation: LOCAL EXHAUST AND MECHANICAL: RECOMMENDED.

Protective Gloves: RUBBER.

Eye Protection: CHEMICAL SAFETY GOGGLES.

Other Protective Equipment: SAFETY GLASSES, SMOCK, APRON, VENTED HOOD,  
PROPER GLOVES, AND EYE WASH STATION.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. WASH CONTAMINATED  
CLOTHING BEFORE RESUE.

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Physical/Chemical Properties  
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HCC: T6

Melt/Freeze Pt: =653.C, #####F

Spec Gravity: 2.28

Solubility in Water: APPRECIABLE (>10%)

Appearance and Odor: BLUE CRYSTALS OR FINE BLUE POWDER; NO ODOR.

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: EXCESSIVE TEMPERATURE AND HEAT.

Materials To Avoid: INCOMPATIBLE WITH ACETYLENE, HYDROXYLAMINE, AND  
REDUCING AGENTS.

Hazardous Decomposition Products: COMBUSTION MAY PRODUCE IRRITATING COPPER  
FUMES AND TOXIC GASEOUS OXIDES (SULFUR OXIDES).

Hazardous Polymerization Indicator: NO

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Toxicological Information  
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Toxicological Information: TLV: (AIR) AS COPPER METAL (DUST): 1.0 MG/M3.  
COPPER (FUME) TLV 0.1 MG/M3.

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Ecological Information  
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MSDS Transport Information  
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Transport Information: NON-REGULATED.

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Regulatory Information  
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Other Information  
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Other Information: DANGER! CORROSIVE. HARMFUL OR FATAL IF SWALLOWED.  
IRRITANT TO SKIN, EYES AND MUCOUS MEMBRANES. \*\*\*\*\*WARD'S P/N  
371440\*\*\*\*\*

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Transportation Information  
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Responsible Party Cage: 6V042  
Trans ID NO: 151433  
Product ID: COPPER SULFATE, 5-HYDRATE  
MSDS Prepared Date: 11/11/1996  
Review Date: 02/10/2000  
Article W/O MSDS: N  
Limited Quantity IND: N  
Multiple KIT Number: 0  
Unit Of Issue: CY  
Type Of Container: CYLINDER

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Detail DOT Information  
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DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information  
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IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information  
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IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information  
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AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label  
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Product ID: COPPER SULFATE, 5-HYDRATE  
Cage: 6V042  
Company Name: AL-DON CHEMICALS INC  
Street: 1533 W HENRIETTA RD  
City: AVON NY  
Zipcode: 14414-9508 US  
Health Emergency Phone: 716-226-6177  
Date Of Label Review: 02/10/2000  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: WARNING  
Respiratory Protection IND: NO  
Health Hazard: Moderate  
Contact Hazard: Moderate  
Fire Hazard: None  
Reactivity Hazard: Slight  
Hazard And Precautions: INGESTION: ALTHOUGH A STRONG EMETIC, INGESTION CAN  
CAUSE COPPER POISONING AND/OR DEATH. EYES: CORROSIVE; CAUSES  
CONJUNCTIVITIS, SWELLING OF THE EYELIDS, ULCERATION AND BURN OF THE  
CORNEA. SKIN: CAUSES IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.  
INHALATION: CAUSES UPPER RESPIRATORY AND CONGESTION OF THE NASAL AND

MUCOUS MEMBRANES.

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