



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.  
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(716) 226-6177

MSDS No. CC 157  
Effective Date April 14, 1999

## SECTION V HEALTH HAZARD DATA

CC 157

### Threshold Limited Value

TWA: 10 mg/m<sup>3</sup> (ACGIH 1992-93).

### Effects of Overexposure

**TARGET ORGANS AFFECTED:** Respiratory system, lungs.  
**INGESTION:** May cause vomiting, diarrhea and sensation of warmth.  
**EYES:** May cause irritation. **SKIN:** Causes drying and irritation.  
**INHALATION:** Breathing of dusts may cause irritation to the eyes, nose, throat and upper respiratory tract.

### Emergency and First Aid Procedures

**EYES:** Flush eyes thoroughly with water for 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention.  
**SKIN:** Wash with mild soap and water. **INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** If swallowed, if conscious, give large quantities of water to drink and induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong acids.
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Hazardous Decomposition Products	Chlorine @ 318°C Oxide of sulfur @ 1450°C
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Hazardous Polymerization	Conditions to Avoid	Not applicable.
May Occur	Will Not Occur	
	X	

## SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Recover for use if not contaminated. Avoid creating excessive dust. Sweep up and place in a suitable container for proper disposal. Wash spill area with soap and water.
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Waste Disposal Method	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 chemical landfill or contract with a licensed waste disposal service.
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## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory handling. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask.			
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.	
Other Protective Equipment	Goggles, smock, apron, proper gloves, eye wash station, ventilation hood.			

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	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.  Avoid breathing dust. Avoid prolonged or repeated contact. Remove and wash contaminated clothing.

Revision No. 1	Date 4/14/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards. Printed on recycled paper.

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	DRIERITE INDICATING	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177  <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4  <b>HMIS *</b> Health 1 Fire 0 Reactivity 1
Chemical Synonyms	Calcium sulfate anhydrous with Indicator	
Formula	CaSO <sub>4</sub> + CoCl <sub>2</sub>	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	Mixture	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Calcium Sulfate, Anhydrous: CAS No. 7778-18-9	97%	See Section V.
Cobalt Chloride: CAS No. 7646-79-9	3%	
<b>WARNING! MAY BE HARMFUL IF SWALLOWED.</b>		

## SECTION III PHYSICAL DATA

Melting Point (°F)	1450°C (2642°F) Decomposes	Specific Gravity (H <sub>2</sub> O = 1)	1.87
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	0.25 grams per Liter.		
Appearance & Odor	Blue granules; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-combustible.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES	In fire conditions, wear a NIOSH/MSHA-approved, self-contained breathing apparatus and full protective clothing.
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UNUSUAL FIRE AND EXPLOSION HAZARDS	When heated to decomposition, emits toxic fumes of chlorine and oxides of sulfur.
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D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20