



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. CC 289  
Effective Date October 30, 1998

## SECTION V HEALTH HAZARD DATA

CC 289

### Threshold Limited Value

TWA: 0.5 mg/m<sup>3</sup> as Cr III (Chromic). (ACGIH 1992-93).

### Effects of Overexposure

**INHALATION:** Irritant to respiratory tract, mucous membranes.  
**INGESTION:** Stomach cramps, nausea. **SKIN:** Irritation. **EYES:** Irritation. Stinging burning sensation. Exercise appropriate procedures to minimize potential hazards.

### Emergency and First Aid Procedures

**SKIN:** Flush thoroughly with water, then wash with mild soap and water.  
**EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.  
**INHALATION:** Blow nose. Irrigate nasal passages with salt water. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** If swallowed, if conscious, rinse mouth with water. Call physician. 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 alkalis, oxidizing agents.
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Hazardous Decomposition Products	Chromium oxide, carbon dioxide, and/or carbon monoxide.
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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	Use adequate ventilation. Avoid raising dust. Sweep up and place in a suitable container for proper disposal. Wash spill area after material pickup is complete.
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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 licensed chemical waste disposal agency.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	Work with a ventilation hood. If dusty conditions prevail, wear a NIOSH/MSHA approved dust mask or respirator.
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, smock, apron, proper gloves, ventilation hood, eye wash station.
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## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place. Wash thoroughly after handling.
Keep container tightly closed when not in use.	

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. Avoid contact with eyes, skin and clothing. Do not breathe dust. Use with adequate ventilation. Remove and wash contaminated clothing.
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 3	Date 10/30/98	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	CHROMIUM (III) ACETATE	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177	Health	2
Chemical Synonyms	Chromic Acetate, Hydroxide		Fire	0
Formula	Cr <sub>3</sub> (OH) <sub>2</sub> (CH <sub>3</sub> COO) <sub>7</sub>		Reactivity	0
Unit Size	up to 180 Kg.		<b>HMIS *</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	
C.A.S. No.	39430-51-8			

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Chromium Acetate, Hydroxide	100%	See Section V.

**WARNING! CAUSES SKIN, EYE AND RESPIRATORY TRACT**

**IRRITATION. MAY BE HARMFUL IF SWALLOWED OR INHALED.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Data not available.	Specific Gravity (H <sub>2</sub> O = 1)	1.83
Boiling Point (°F)	Data not available.	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate ( =1)	Not applicable.
Vapor Density (Air=1)	Unknown.		
Solubility in Water	Freely soluble in water.		
Appearance & Odor	Blue-green crystalline powder; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	NA	Lower	Upper
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Extinguisher Media	Carbon dioxide; dry chemical powder; foam.
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### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved, self-contained breathing apparatus and full protective clothing.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

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