



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. SS 471  
Effective Date May 3, 1999

## SECTION V HEALTH HAZARD DATA

SS 471

**Threshold Limited Value** None established for this solution. (ACGIH 1992-93)

**Effects of Overexposure** May be harmful by ingestion. May cause irritation, rash or external ulcers. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Exercise appropriate procedures to minimize potential hazards.

**Emergency and First Aid Procedures**  
**EYES:** Flush with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention. **SKIN:** Flush with soap and water. If irritation develops or persists, get medical attention. **INGESTION:** If conscious, give water or milk to drink. Induce vomiting and get medical attention. Never give anything by mouth to an unconscious person. **INHALATION AS MIST:** Remove to fresh air. If illness or discomfort develops, get medical attention.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature to cause evaporation.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Reducing agents, acids, oxidizable materials.

**Hazardous Decomposition Products** Chromium oxides.

<b>Hazardous Polymerization</b>		<b>Conditions to Avoid</b>	Not applicable.
<b>May Occur</b>	<b>Will Not Occur</b>		
	X		

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Keep wash waters out of sewers. Absorb with an inert dry material and place in a suitable container for proper disposal. Wash spill area thoroughly with soap and water.

**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 approved chemical landfill or contract with a licensed disposal service.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** Not required in normal handling; under misty conditions use a NIOSH/MSHA-approved dust respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Not required.</b>	<b>Special</b>	<b>No.</b>
	<b>Mechanical (General)</b>	<b>Not required.</b>	<b>Other</b>	<b>No.</b>

**Protective Gloves** Rubber. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Goggles, smock, apron, eye wash station, ventilation hood, proper gloves.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a dry, well-ventilated area, away from reducing agents. 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 skin and eyes.  
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

<b>Revision</b> No. 2	<b>Date</b> 5/3/99	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	SODIUM CHROMATE 0.1 MOLAR SOLUTION		
<b>Chemical Synonyms</b>	Sodium Chromate, Water Solution		
<b>Formula</b>	Mixture		
<b>Unit Size</b>	up to 4 Lt.		
<b>C.A.S. No.</b>	Mixture		

	<b>CHEMTREC</b>	<b>Health</b>	2
	800-424-9300	<b>Fire</b>	0
	Day 716-226-6177	<b>Reactivity</b>	1

<b>NFPA HAZARD RATING</b>				
LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium Chromate: (CAS No. 7775-11-3)	1.62%	None established.
Water: (CAS No. 7732-18-5)	98.38%	None established.

**WARNING! MAY BE HARMFUL IF SWALLOWED. CONTACT**  
**MAY CAUSE IRRITATION, RASH OR EXTERNAL ULCERS.**

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	Freezes approx. 0°C (32°F)	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Approx. 1.0
<b>Boiling Point (°F)</b>	Approx. 100°C (212°F)	<b>Percent Volatile by Volume (%)</b>	98.38%
<b>Vapor Pressure (mm Hg)</b>	14 (water).	<b>Evaporation Rate (Water = 1)</b>	< 1
<b>Vapor Density (Air=1)</b>	0.7 (water).		
<b>Solubility in Water</b>	Complete.		
<b>Appearance &amp; Odor</b>	Clear, yellow liquid, water solution; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

**SPECIAL FIREFIGHTING PROCEDURES** If involved in fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus. Use flooding amounts of water in early stages of fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS** In fire conditions, water may evaporate from this solution, which may cause hazardous decomposition products to be produced as dust or fume.

D.O.T. NON-REGULATED.

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