



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. OX 70
Effective Date April 6, 1999

SECTION V HEALTH HAZARD DATA

OX 70

Threshold Limited Value

None established by (ACGIH 1992-93).
RTECS No. VH2100000 TXDS: Oral-rat LD50: 844 mg/kg.

Effects of Overexposure

EYES: Contact with the crystals causes irritation. **SKIN:** Prolonged contact in the presence of moisture may cause irritation. **INGESTION:** May cause abdominal pain, nausea, vomiting, diarrhea, and cyanosis. **INHALATION:** May cause sore throat, coughing, dizziness, hypernea, faintness, and cyanosis.

Emergency and First Aid Procedures

EYES: Immediately flush with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.
SKIN: Immediately flush with plenty of water. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink. Do NOT induce vomiting. Call physician immediately. Never give anything by mouth to an unconscious person. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Reddens on exposure to air due to oxidation. Protect from light.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizing materials, acid chlorides, acid anhydrides.
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Hazardous Decomposition Products	Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.
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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	Wearing suitable protective clothing, avoid making dust, cover with dry lime or soda ash, sweep up material and place in a suitable container for disposal by incineration. Wash spill area well 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 incinerator equipped with an afterburner and scrubber.
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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 or respirator.
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Ventilation	Local Exhaust	Not needed.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, lab coat, apron, proper gloves, eye wash station.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from oxidizing materials. Protection from exposure to air. Avoid all personal contact. Keep container tightly closed when not in use.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling.
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 5	Date 4/6/99	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	ORCINOL	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 3 4
Chemical Synonyms	5-Methylresorcinol, Monohydrate	
Formula	C ₇ H ₈ O ₂ •H ₂ O	
Unit Size	up to 100 grams	
C.A.S. No.	6153-39-5	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Orcinol, Monohydrate	100%	None established.
WARNING! HARMFUL IF SWALLOWED OR INHALED.		
CAUSES SKIN AND EYE IRRITATION.		

SECTION III PHYSICAL DATA

Melting Point (°F)	58-62°C (136°F)	Specific Gravity (H ₂ O = 1)	1.29 at (4°/4°C).
Boiling Point (°F)	290°C (554°F)	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	5 mm at 147°C	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	4.3		
Solubility in Water	Freely soluble in water.		
Appearance & Odor	White crystalline powder; reddens on exposure to air; slight sweetish odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Calculated 320°F (160°C) (C.C.)	Flammable Limits in Air % by Volume	Lower	Upper
		Calc.	1.4%	-----
Extinguisher Media	Water spray; carbon dioxide (CO ₂); dry chemical.			

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

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

D.O.T. NON-REGULATED.

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