



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. RR 15
Effective Date April 23, 1999

SECTION V HEALTH HAZARD DATA

RR 15

Threshold Limited Value RTECS No. VG9625000 Toxicity data: Oral-rat: LD50 301 mg/kg, orl-hum: LDLo 29 mg/kg. TWA: 10 ppm (Air); STEL: 20 ppm (ACGIH 1992-93).

Effects of Overexposure **TARGET ORGANS AFFECTED:** Skin, eyes, blood. **EYES:** Direct contact or vapor may cause severe irritation. **SKIN:** Direct contact or vapor may cause irritation. Material may penetrate skin and may cause reversible damage to thyroid. **INHALATION:** May cause irritation to airways. **INGESTION:** May cause gastrointestinal irritation. Ingestion of large quantities could produce dizziness, weakness, collapse, respiratory failure. Carcinogenic Review: Animal indefinite.

Emergency and First Aid Procedures **INHALATION:** Remove from exposure to fresh air. If symptoms of illness develop, get immediate medical attention. **EYES:** Immediately flush with large amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get immediate medical attention. **SKIN:** Flush immediately with water while removing contaminated clothing. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink. Induce vomiting and call a physician immediately. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Protect from light, excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Oxidizers.

Hazardous Decomposition Products Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

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, sweep material onto paper. Place in a suitable container for disposal by incineration. Wash spill area 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 an approved incinerator or contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) Work in ventilation hood. For emergency use, wear a NIOSH/MSHA-approved self-contained breathing apparatus or respirator fixed with canister for organic vapors.

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 Lab coat, apron, ventilation hood, proper gloves, goggles, eye wash station, fire extinguisher.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place away from oxidizing materials and protect from light. 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.

Do not get in eyes, on skin, on clothing. Avoid breathing dust. Use with adequate ventilation. Remove and wash contaminated clothing.

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

Revision No. 5	Date 4/23/99	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	RESORCINOL	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>2</td> </tr> <tr> <td>Fire</td> <td>2</td> </tr> <tr> <td>Reactivity</td> <td>1</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	2	Fire	2	Reactivity	1
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	2																	
Fire	2																	
Reactivity	1																	
Chemical Synonyms	1,3-Benzenediol; Resorcin																	
Formula	C ₆ H ₄ (OH) ₂																	
Unit Size	up to 2.5 Kg.																	
C.A.S. No.	108-46-3																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
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Resorcinol	100%	See Section V.
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DANGER! HARMFUL IF SWALLOWED. COMBUSTIBLE.

IRRITANT TO SKIN. CORROSIVE TO EYES.

SECTION III PHYSICAL DATA

Melting Point (°F)	111°C (232°F)	Specific Gravity (H ₂ O = 1)	1.272
Boiling Point (°F)	280°C (536°F)	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	1 mm at 108.4°C	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	3.79		
Solubility in Water	Soluble.		
Appearance & Odor	White to pinkish flakes or crystals.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	261°F (127°C) (C.C.)	Flammable Limits in Air % by Volume	Lower	Upper
			No data	No data

Extinguisher Media Carbon dioxide (CO₂); dry chemical (ABC); foam; water fog.

SPECIAL FIREFIGHTING PROCEDURES

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

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 153)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce toxic and corrosive products; can react with strong oxidizing materials. Dust may form explosive mixture in air. Closed containers may explode when exposed to extreme heat (fire).

D.O.T. RESORCINOL, 6.1, UN 2876, PG III

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