



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. PP 220
Effective Date April 12, 1999

SECTION V HEALTH HAZARD DATA

PP 220

Threshold Limited Value

None established. (ACGIH 1992-93). Toxicity data: Orl-rat LD50 5200 mg/kg. Orl-mus LD50 4550 mg/kg.

Effects of Overexposure

TARGET ORGANS AFFECTED: Lungs. **INGESTION:** High doses may cause tremors and spasms. Prolonged overexposure may cause disturbances of thyroid function. **INHALATION:** Irritation to lungs. Repeated exposure to low dust concentrations may result in changes in the blood picture. **EYES:** Contact may cause irritation. **SKIN:** Prolonged contact may cause irritation. Repeated contact may result in allergic skin reaction.

Emergency and First Aid Procedures

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **EYES:** Flush immediately with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention. **SKIN:** Wash with soap and water. **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)	Strong oxidizers, bases.
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Hazardous Decomposition Products	Thermal decomposition 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	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 incinerator or contract with a licensed waste disposal agency.
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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 fume hood or wear a NIOSH/MSHA-approved 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, eye wash station, proper gloves, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place and protect from light. Wash thoroughly after handling.
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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 breathe dust. Avoid contact with skin or eyes. 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. 4	Date 4/12/99	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	PHLOROGLUCINOL	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 0 1 2 3 4
Chemical Synonyms	1,3,5-Trihydroxybenzene	
Formula	(a) C ₆ H ₃ (OH) ₃ (b) C ₆ H ₃ (OH) ₃ •2H ₂ O	
Unit Size	25, 100 grams	
C.A.S. No.	(a) 108-73-6 (b) 6099-90-7	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Phloroglucinol	100%	None established.

WARNING! MAY BE HARMFUL IF SWALLOWED OR ABSORBED

THROUGH THE SKIN. IRRITATING TO THE SKIN AND EYES.

SECTION III PHYSICAL DATA

Melting Point (°F)	218-221°C (424-430°F)	Specific Gravity (H ₂ O = 1)	Data not listed.
Boiling Point (°F)	Sublimes with decomposition	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Slight.		
Appearance & Odor	Off-white, brown or cream, crystalline powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Carbon dioxide (CO ₂); dry chemical; water spray.				

SPECIAL FIREFIGHTING PROCEDURES

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dangerous when heated, it may emit highly toxic fumes; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

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