



ALDON CORPORATION

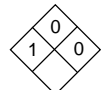
MATERIAL SAFETY DATA SHEET

221 Rochester Street
Avon, New York 14414-9409
(585) 226-6177

MSDS No.: PP0140
Effective Date: January 1, 2007

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Phenolphthalein
Chemical Synonyms	3,3-Bis(para-hydroxyphenyl)phthalide
Formula	C ₂₀ H ₁₄ O ₄
Unit Size	up to 2.5 Kg.
C.A.S. No.	77-09-8



CHEMTREC
800-424-9300
Day 585-226-6177

NFPA

HAZARD RATING		HEALTH		FIRE		REACTIVITY	
MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE	1	1	1
0	1	2	3	4			

HMIS*

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Phenolphthalein, powder	100%	None established.
CAUTION! MAY BE HARMFUL IF SWALLOWED.		

SECTION III PHYSICAL DATA

Melting Point (°F)	259-263°C (498°-505°F)	Specific Gravity (H ₂ O = 1)	1.299
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Slightly soluble.		
Appearance & Odor	White to off-white, crystalline powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

SPECIAL FIREFIGHTING PROCEDURES

If possible, isolate container in an open-air or well-ventilated area. Flood with a large volume of water. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

D.O.T. NON-REGULATED.

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

SECTION V HEALTH HAZARD DATA

PP0140

Threshold Limited Value

None established. (ACGIH 2001).

Effects of Overexposure

Suspect cancer hazard. **INGESTION:** Cathartic, very active even in small amounts (30-100 mg). May cause purging, collapse and fall of blood pressure. **EYES:** May cause irritation. **SKIN:** May be absorbed via moist or oily surfaces. May cause rash that can become ulcerous. **INHALATION:** May cause irritation of mucous membranes in the nose and throat. May cause coughing and sneezing. Risk of cancer depends on level and duration of exposure. Target organs: None known.

Emergency and First Aid Procedures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. **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	Protect from light, excessive temperatures and heat.
	Stable	X		

Incompatibility (Materials to Avoid)

Strong oxidizers.

Hazardous Decomposition Products

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

Hazardous Polymerization

Conditions to Avoid

May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Recover for use if not contaminated. Carefully sweep up, avoid making dust, and place in a suitable container for disposal. 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) None required in normal laboratory handling. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

Ventilation	Local Exhaust	Yes.	Special	No.
	Mechanical (General)	If dusty.	Other	No.

Protective Gloves	Rubber - if needed.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment Goggles, smock, apron, eye wash station, proper gloves, safety shower, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing

Store in a cool, dry place away from fire hazards and strong oxidizing materials. Avoid contact with skin and eyes. 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. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Avoid breathing dust. Use with adequate ventilation. Remove and wash contaminated clothing.

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Revision No.	9	Date	01/05/07	Approved	James A. Bertsch	Chemical Safety Coordinator	JAB
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