



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. DD 101
Effective Date February 22, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	2,6-DICHLOROINDOPHENOL SOLUTION, 0.1%	 <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>1</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	1	Fire	0	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	1																	
Fire	0																	
Reactivity	0																	
Chemical Synonyms	2,6-Dichloroindophenol, Sodium Salt																	
Formula	Mixture. See Section II.																	
Unit Size	500 mL.																	
C.A.S. No.	Mixture. See Section II.																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
2,6-Dichloroindophenol, Sodium Salt: (CAS No. 620-45-1)	0.1%	None listed.
Water: (CAS No. 7732-18-5)	99.9%	None established.
CAUTION! MAY BE HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION.		

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes approx. 0°C (32°F)	Specific Gravity (H ₂ O = 1)	Approx. 1.0
Boiling Point (°F)	100°C (212°F)	Percent Volatile by Volume (%)	Approx. 99.9%
Vapor Pressure (mm Hg)	14 mm (water)	Evaporation Rate (Water = 1)	Approx. 1
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Complete.		
Appearance & Odor	Blue aqueous liquid; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable liquid	Flammable Limits in Air % by Volume	NA	Lower	Upper
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES

Due to concentration of active ingredients being very small, this solution does not present to be significant hazard in a fire condition. Precautions should be taken to minimize exposure to inhalation of vapor, skin and eye contact. If involved in fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products. Can react vigorously with oxidizing materials.

D.O.T. **NON-REGULATED.**

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

SECTION V HEALTH HAZARD DATA

DD 101

Threshold Limited Value None established. (ACGIH 1992-93).

Effects of Overexposure May be harmful by ingestion or skin absorption. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures
EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and call physician. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature or heat.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizers.

Hazardous Decomposition Products When heated to decomposition, emits toxic fumes of chlorine and oxides of nitrogen and sulfur.

Hazardous Polymerization	May Occur	Will Not Occur	Conditions to Avoid	Not applicable.
		X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Dilute with water and flush to sewer with copious amounts of 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.

Flush to sewer with copious amounts of water.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None needed in normal laboratory handling.

Ventilation	Local Exhaust	None required.	Special	No.
	Mechanical (General)	None required.	Other	No.

Protective Gloves None should be needed except for sensitive skin. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Goggles, smock, apron, and eye wash station.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool place away from light, preferably refrigerate, to prolong usable life. 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.
Remove and wash contaminated clothing.

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

Revision No. 6	Date 2/22/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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