




**ALDON  
CORPORATION**

# MATERIAL SAFETY DATA SHEET

1533 W.Henrietta Rd.  
Avon, New York 14414  
(716) 226-6177

MSDS No. DD 100  
Effective Date February 22, 1999

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

|                   |  |   |            |   |
|-------------------|--|---|------------|---|
| Product           | 2, 6-DICHLOROINDOPHENOL, SODIUM SALT                             | <br>CHEMTREC<br>800-424-9300<br>Day 716-226-6177<br>NFPA<br>HAZARD RATING<br>LEAST SLIGHT MODERATE HIGH EXTREME<br>0 1 2 3 4 | Health     | 2 |
| Chemical Synonyms | 2, 6-Dichloroindophenol  |   | Fire       | 1 |
| Formula           | C <sub>12</sub> H <sub>6</sub> Cl <sub>2</sub> NNaO <sub>2</sub> |   | Reactivity | 1 |
| Unit Size         | up to 10 g.  |   | HMIS *     |   |
| C.A.S. No.        | 620-45-1   |   |            |   |

## SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s)                               | %        | TLV Units    |
|--|----------|--------------|
| Dichloroindophenol, Sodium Salt                      | 99% min. | None listed. |
| <b>WARNING! MAY BE HARMFUL IF SWALLOWED, INHALED</b> |          |              |
| <b>OR ABSORBED THROUGH SKIN. CAUSES IRRITATION.</b>  |          |              |

## SECTION III PHYSICAL DATA

|                        |                                   |   |                      |
|------------------------|-----------------------------------|---|----------------------|
| Melting Point (°F)     | None listed.                      | Specific Gravity (H <sub>2</sub> O = 1) | Greater than 1.      |
| Boiling Point (°F)     | Decomposes.                       | Percent Volatile by Volume (%)          | Negligible as solid. |
| Vapor Pressure (mm Hg) | Negligible as solid.              | Evaporation Rate (=1)                   | Not applicable.      |
| Vapor Density (Air=1)  | Not determined.                   |   |                      |
| Solubility in Water    | Freely soluble in water.          |   |                      |
| Appearance & Odor      | Dark green-black powder; no odor. |   |                      |

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

|                           |   |                                     |       |       |
|---------------------------|---|-------------------------------------|-------|-------|
| Flash Point (Method Used) | Non-volatile solid (NA).  | Flammable Limits in Air % by Volume | Lower | Upper |
|                           |   | NA                                  | ----- | ----- |
| Extinguisher Media        | Carbon dioxide (CO <sub>2</sub> ); dry chemical (ABC); 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

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

## SECTION V HEALTH HAZARD DATA

DD 100

### Threshold Limited Value

None established.

### Effects of Overexposure

May be harmful by inhalation, ingestion, or skin absorption. May cause gastrointestinal disturbances. May cause eye irritation. Exercise appropriate procedures to minimize potential hazards.

### Emergency and First Aid Procedures

**EYES:** Flush thoroughly with water for 15 minutes lifting upper and lower eyelids occasionally. If irritation occurs get medical attention. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **SKIN:** Flush thoroughly with soap and water.

## 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 oxides of carbon. |                     |                                |
| Hazardous Polymerization             | Conditions to Avoid  |                     |                                |
| May Occur                            | Will Not Occur   |                     |                                |
|                                      | X  | Not applicable.     |                                |

## SECTION VII SPILL OR LEAK PROCEDURES

### Steps to be taken in case material is released or spilled

Avoid making dust, sweep up and place in a suitable container for proper disposal. Flush spill area with water, then wash 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 equipped with an afterburner and scrubber or dispose of in an approved chemical landfill.

## SECTION VIII SPECIAL PROTECTION INFORMATION

|                                       |  |              |                |                          |
|---------------------------------------|--|--------------|----------------|--------------------------|
| Respiration Protection (Specify Type) | None needed in normal laboratory handling. Wear a NIOSH/MSHA-approved dust mask if dusty conditions prevail. |              |                |                          |
| Ventilation                           | Local Exhaust  | Recommended. | Special        | No.                      |
|                                       | Mechanical (General)   | Recommended. | Other          | No.                      |
| Protective Gloves                     | Rubber.  |              | Eye Protection | Chemical safety glasses. |
| Other Protective Equipment            | Smock, apron, eye wash station, ventilation hood, proper gloves.   |              |                |                          |

## SECTION IX SPECIAL PRECAUTIONS

### Precautions to be Taken in Handling & Storing

Store in a cool, dry place away from oxidizing materials. 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.

Hygroscopic. 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. 6 | Date | 2/22/99 | Approved | Michael Raszeja | Chemical Safety Coordinator | MR |
|----------|-------|------|---------|----------|-----------------|-----------------------------|----|

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