# MATERIAL SAFETY DATA SHEET

**ALDON CORPORATION**

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

**Name:** 2,6-Dichloroindophenol, Sodium Salt

**Product:** 2,6-Dichloroindophenol, Sodium Salt

**Chemical Synonyms:** N/A

**Formula:** C₁₂₂₆₂₃NNaO₂

**Unit Size:** up to 10 g.

**C.A.S. No.:** 620-45-1

## SECTION I NAME

### 24 HOUR EMERGENCY ASSISTANCE

<table>
<thead>
<tr>
<th>CHEMTREC</th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>800-424-9300</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Day 585-226-6177</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NFPA:**

- **Hazard Rating:** MINIMAL SLIGHT MODERATE SERIOUS SEVERE
  - 0
  - 1
  - 2
  - 3
  - 4

**HMIS:**

- **Health:** X
- **Fire:** X
- **Reactivity:** X

**WARNING! MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION.**

## SECTION II INGREDIENTS OF MIXTURES

<table>
<thead>
<tr>
<th>Principal Component(s)</th>
<th>%</th>
<th>TLV Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dichloroindophenol, Sodium Salt</td>
<td>99% min.</td>
<td>None listed.</td>
</tr>
</tbody>
</table>

## SECTION III PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point (°F)</td>
<td>None listed.</td>
</tr>
<tr>
<td>Boiling Point (°F)</td>
<td>Decomposes.</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>Negligible as solid.</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Freely soluble in water.</td>
</tr>
<tr>
<td>Appearance &amp; Odor</td>
<td>Dark green-black powder; no odor.</td>
</tr>
</tbody>
</table>

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>Extinguisher Media</th>
<th>Non-volatile solid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon dioxide; dry chemical; water spray.</td>
<td></td>
</tr>
</tbody>
</table>

**Flash Point (Method Used):** Non-volatile solid.

<table>
<thead>
<tr>
<th>Flammable Limits in Air</th>
<th>% by Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower</td>
<td>Upper</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Evaporation Rate:** Not applicable.

**Specific Gravity (H₂O = 1):** Greater than 1.

**Percent Volatile:** Negligible as solid.

**Exposure Rate:** Not applicable.

## SECTION V HEALTH HAZARD DATA

**Threshold Limited Value:** None established.

**Effects of Overexposure:**

- **Inhalation:** May be harmful by inhalation, ingestion, or skin absorption. May cause gastrointestinal disturbances. May cause eye irritation. Exercise appropriate procedures to minimize potential hazards. Target organs: None known.
- **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:** Excessive temperature or heat.

**Incompatibility:** Strong oxidizers.

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

**Hazardous Polymerization:** May occur

**Conditions to Avoid:** 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.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection:** None needed in normal laboratory handling. Wear a NIOSH/MSHA-approved dust mask if dusty conditions prevail.

**Ventilation:** Recommended. Special 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:**

- **Storage:** Store in a cool, dry place away from oxidizing materials.
- **Other Precautions:** Store in a cool, dry place away from oxidizing materials. Wash thoroughly after handling.

**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.

**Effects of Overexposure:**

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

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