

# MATERIAL SAFETY DATA SHEET

|              |                     |
|--------------|---------------------|
| Flammability | Physical Hazards    |
| Health       | Personal Protection |

## SECTION I - MATERIAL IDENTIFICATION AND USE

**Material Name** Diclor  
**Manufacturer** Crown Chemical Products Inc. **Supplier's Name**  
**Street Address** 6125 Netherhart Road **Supplier's Address**  
Mississauga Ontario  
L5T 1G5  
**Emergency Tel.** (905) 564-0904  
**Chemical Name** **Chemical Family**  
**Molecular Weight** **Material Use**

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

| Hazardous Ingredients               | Approximate Concentration % | C.A.S. N.A. or U. N. Numbers | Exposure Limits | LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route |
|-------------------------------------|-----------------------------|------------------------------|-----------------|--|
| Sodium Carbonate                    | 7-13                        | 497-19-8                     | ACGIH TLV 10    | 10 (Ontario TWAEV)   |
| Sodium Dichloro -S- Triazine Trione | 3-7                         | 2893-78-9                    | N/AV            | LD50 (rat) 700mg / kg  |

## SECTION III - PHYSICAL DATA FOR MATERIAL

**Physical State** Solid **Odour and Appearance** White granular powder, chlorine odour.  
**Specific Gravity** N/AP **Evaporation Rate** N/AP **Boiling Point (°C)** N/AP  
**Freezing Point (°C)** N/AP **Solubility in Water (20°C)** complete **% Volatile (by volume)** N/AP  
**pH** N/AP **Density (g/ml)** N/AP **Coefficient of Water/Oil Distribution** N/AP

## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

**Flammability (If yes, under which conditions:)** No.  
**Means of Extinction** For surrounding fire; water, CO<sub>2</sub> dry foam.  
**Special Procedures** Wear self-contained breathing apparatus.  
**Flashpoint (°C) and Method** N/AP **UEL (% By Vol.)** N/AP **LEL (% By Vol.)** N/AP  
**Auto Ignition Temp. (°C)** N/AP **TDG Flammability Classification** Not regulated  
**Hazardous Combustion Products**  
**Explosion Data - Sensitivity to Chemical Impact** N/AP **Rate of Burning**  
**Explosive Power** N/AP **Sensitivity to Static Discharge** N/AV

## SECTION V - REACTIVITY DATA

**Chemical Stability** Yes.  
**Incompatibility to Other Substances** Yes. Concentrated acids.  
**Reactivity and Under What Conditions?**  
**Hazardous Decomposition Products** Contact with acids yield poisonous chlorine fumes.

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## SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

**Route Of Entry**  Skin Contact  Skin Absorption  Eye Contact  Inhalation Acute  Inhalation Chronic  Ingestion

**Effects Of Acute Exposure To Product** Causes burns of mucous membranes, eyes, skin mouth, esophagus, causes vomiting abdominal pain diarrhea, edema (swelling) of larynx and subsequent suffocation. Perforation of gastrointestinal tract may occur.

**Effects Of Chronic Exposure To Product**

**Irritancy Of Product** N/AV

**Exposure Limits Of Product** N/AV

**Sensitization To Product** N/AV

**Synergistic Materials** N/AV

**Carcinogenicity**  **Reproductive Effects**  **Teratogenicity**  **Mutagenicity**

No Known Systemic Effects

## SECTION VII - PREVENTIVE MEASURES

**Personal Protective Equipment**

**Gloves** Rubber

**Respiratory** Dust respirator

**Eye** goggles

**Footwear** N/AP

**Clothing** No special.

**Other**

**Engineering Controls** Use with adequate ventilation.

**Leak And Spill Procedure** Sweep, scoop or vacuum discharged materials. Flush residue with water.

**Waste Disposal** Dispose in accordance with local, provincial, and federal by-laws.

**Handling Procedures And Equipment** N/AP

**Storage Requirements** Use non reactive materials and avoid high temperatures.

**Special Shipping Information** Keep materials dry & avoid high temperatures.

## SECTION VIII - FIRST AID MEASURES

**Skin** Flush skin with plenty of water for at least 15 minutes.

**Eye** Flush eyes with plenty of water for at least 15 minutes.

**Inhalation** Use respirators approved by NIOSH as type D respirator protection.

**Ingestion** Call a physician. Do not induce vomiting. Give large quantities of water.

**General Advise**

## SECTION IX - PREPARATION DATE OF M.S.D.S.

**Additional Information/Comments** The information herein is given in good faith but no warranty, expressed or implied, is made.

**Sources Used**

**Prepared By:** Crown Chemical Products Inc.

**Phone Number** (905) 564-0904

**Date** January 19, 2012