

MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
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 ₅₀ /LC ₅₀ 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, CO₂ 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 Absorptior Eye Contact Inhalation Acute Inhalation Chronic Ingestior

Effects Of Acute Causes burns of mucous membranes, eyes, skin mouth, esophagus, causes vomiting
Exposure To Product 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** June 9, 2006