

# MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

## SECTION I - MATERIAL IDENTIFICATION AND USE

**Material Name** Liquid Enzyme Waste Treatment  
**Manufacturer** Crown Chemical Products Inc. **Supplier's Name**  
**Street Address** 6125 Netherhart Road **Supplier's Address**  
 Misissauga Ontario  
 L5T 1G5  
**Emergency Tel.** (905) 564-0904  
**Chemical Name** N/AV **Chemical Family** N/AV  
**Molecular Weight** N/AV **Material Use** Drain Cleaner / Deodorizer

## 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
Nonionic Surfactant	1-5	9002-92-0	N/AV	LD <sub>50</sub> (Oral, Rat) 4150 mg/Kg

## SECTION III - PHYSICAL DATA FOR MATERIAL

**Physical State** Liquid **Odour and Appearance** White emulsion with perfume odour.  
**Specific Gravity** 1.0 **Evaporation Rate** N/AV **Boiling Point (°C)** 100  
**Freezing Point (°C)** 0 **Solubility in Water (20°C)** Complete **% Volatile (by volume)** >95  
**pH** 6.0-7.0 **Density (g/ml)** 1.0 **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** N/AP  
**Special Procedures** None  
**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** N/AP  
**Hazardous Combustion Products** N/AP  
**Explosion Data - Sensitivity to Chemical Impact** N/AP **Rate of Burning** N/AP  
**Explosive Power** N/AP **Sensitivity to Static Discharge** N/AP

## SECTION V - REACTIVITY DATA

**Chemical Stability** Yes.  
**Incompatibility to Other Substances** Yes. Strong acids or bases may inactivate.  
**Reactivity and Under What Conditions?** Avoid extremes in temperatures or PH.  
**Hazardous Decomposition Products** N/AP

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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** Not intended for human consumption. Organisms used are non-pathogenic, but can cause infection when in contact with open wounds. These organisms can be killed by many commonly-used antibiotics.

**Effects Of Chronic Exposure To Product** None expected

**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 NTP, IARC or OSHA Carcinogens present.

## SECTION VII - PREVENTIVE MEASURES

### Personal Protective Equipment

**Gloves** Latex gloves

**Respiratory** N/AP

**Eye** N/AP

**Footwear** N/AP

**Clothing** N/AP

**Other**

**Engineering Controls** None

**Leak And Spill Procedure** Rinse material into nearest drain.

**Waste Disposal** Dispose in accordance with local, provincial, and federal regulations.

**Handling Procedures And Equipment** Keep container closed when not in use.

**Storage Requirements** Avoid extreme cold or heat.

**Special Shipping Information** None.

## SECTION VIII - FIRST AID MEASURES

**Skin** Wash thoroughly with soap and water.

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

**Inhalation** N/AP

**Ingestion** Contact a physician immediately, drink two glasses of water to dilute.

**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 1, 2011