



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **DIGEST**  
Product Use: *Biologically-based drain and grease trap treatment.*  
M-chem Technologies Inc.  
1607 Derwent Way  
Delta, BC V3M 6K8, Canada  
Phone: (604) 526-5655

WHMIS CODE: D2B  
Proper Shipping Name: N/A  
Hazard Class: N/A  
UN Number: N/A

**EMERGENCY PHONE**  
Canada: Canutec 613-996-6666  
U.S.A.: Chemtrec 800-424-9300

HMIS	
1	Health
0	Flammability
0	Reactivity
B	Personal

A=Goggles, B=Goggles & Gloves  
C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
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NO HAZARDOUS INGREDIENTS

## SECTION 3 – PHYSICAL DATA

**Color and Odor:** Milky white, fresh scent. **Boiling Point:** N/D **Vapor Pressure (mm HG):** N/D **pH:** 6.5 +/- 0.5  
**Physical State:** Liquid. **Melting Point:** N/A **Vapor Density:** N/D **Specific Gravity:** 1.00 @ 20°C  
**Coef. Water/Oil Dist:** Greater than 1.0 **Evaporation Rate:** N/D **Solubility in Water:** Soluble **Odor Threshold:** No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C (TCC) **Sensitivity to Mechanical Impact:** None. **Extinguishing Media:** Not flammable.  
**Flammable Limits:** None known. **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known.  
**Unusual Fire and Explosion Hazards:** None. **Conditions of Flammability:** None.  
**Hazardous Combustion Products:** None known.  
**Special Fire Fighting:** Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.  
**Hazardous Polymerization:** Will not Occur.  
**Incompatibility (material to avoid):** None known.  
**Hazardous Decomposition Products:** None known.

## SECTION 6 – TOXICOLOGICAL DATA

**Exposure Limits:** See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin and eyes contact, ingestion.  
**Irritancy of Product:** May be irritating to skin and eyes. **Carcinogenicity:** None known.  
**Sensitization:** None known. **Mutagenicity:** None known.  
**Teratogenicity:** None known. **Reproductive Toxicity:** None known.  
**Name of Toxicological Synergistic Product:** None known.  
**Effects of Chronic Exposure:** Dermatitis and skin sensitization may occur.  
**Effects of Acute Exposure to Product:** May be irritating to eyes and skin.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** Normally not required. However, if product is misted or sprayed, use a NIOSH/MSHA approved dust/mist respirator.  
**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.  
**Protective Gloves:** Use rubber or plastic gloves when handling the concentrated product.  
**Eye Protection:** Chemical goggles, safety goggles or face shield.  
**Protective Clothing and Equipment:** Long sleeve coveralls. Eye wash recommended in the immediate work area.  
**Storage and Handling Procedures:** Use good Industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.  
**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers.  
**Waste Disposal Method:** Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.  
**Special Shipping Information:** Store at temperature below 30°C and keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

**First Aid:**  
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division      PHONE: 604-526-5655      LAST UPDATE: 07/04/11  
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE