



Digest

A Naturally Better Grease and
Waste Digester

Product Information

DIGEST is a non-corrosive, non-acid and non-alkali product made especially for the treatment of drains and grease traps. It is recommended for restaurants, commercial kitchens and the agri-food industries. Digest is CFIA approved and BC Kosher certified.

DIGEST is easy to use, reduces the obstructions in drain lines and is safe for hand users and the plumbing system. This environmentally responsible product allows you peace of mind by not having heavy acids where accidents might occur.

DIGEST helps to eliminate the source of nauseous odors produced by the decomposition of organic matter. It can help generate substantial cost savings by eliminating down time caused by blocked drains and grease traps.

DIGEST can be used manually or in automated systems.
SHAKE WELL BEFORE USING.

For grease traps with persistent odor problems and occasional draining add 500 ml (18 oz) per day for the first 30 days. If the odors have vanished after the first 30 days, reduce the dosage to 350 ml (12 oz) each day. This will be the daily usage to keep odors under control.

DIGEST should be used at a 1:1 dilution (1000 ml/L)(128 oz/gal) with water in drains. Pour 200 ml (7 oz) of the diluted solution each day for 7 consecutive days then once or twice a week thereafter.

For septic tanks, pour 1-4 litres (35-135 oz) of concentrate into a toilet bowl and flush. Repeat every 3 months.

DIGEST is packaged in 2x2.6 gallon (2x10L) TWIN PACKS, 4x1 gal (4x3.78L) cases and 12x1qt (12x946ml) cases.

Contact your local sales representative or visit
www.chemecology.com for more information.

M-chem Technologies Inc.
1.800.663.9925
www.mchem.com

Maxim Chemical International Ltd.
1.800.667.9915
www.maximchemical.com



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
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