



Formula 400L

Liquid Waste Digester

DESCRIPTION

FORMULA 400L is a synergistic blend of new bacterial strains which have been scientifically developed and selectively adapted to cope with difficult compounds and chemicals present in wastewater effluent.

FORMULA 400L is used to assist in the digestion of difficult compounds found in wastewater. **FORMULA 400L** significantly improves the performance of disposal systems, septic tanks and sewage lagoons.

DIRECTIONS

FORMULA 400L is applied to drain lines, lift stations, septic tanks, man holes or flushed down toilets.

Ask your Maxim representative for specific dosages for your application.

PHYSICAL DATA

Appearance	Opaque liquid
Color	White
Odor	Pleasant fragrance
Foam	Low
pH	Neutral

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **FORMULA 400 L**

WHMIS CODE: D-2B

Product Use: *Sewage Digester*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

Maxim Chemical International Ltd.
1305 Halifax Street, Regina, SK S4R 1T9
Phone: (306) 347-0444

EMERGENCY PHONE
Canada: Canutec 613-996-6666

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

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>RANGE %</u>	<u>TLV</u>
Viable, Non-Pathogenic Bacterial Cultures LD50: Not applicable	mixture	5.0-15.0	
Alcohols, C9-11, ethoxylated LD50 (oral, rat): >500-5000 mg/kg LD50 (dermal): >200-20000 mg/kg LC50: Not available	68439-46-3	1.0-5.0	

SECTION 3 – PHYSICAL DATA

Color and Odor: Milky white liquid, fresh scent	Boiling Point: N/D	Vapor Pressure: N/D	pH: 7.5-8.5
Physical State: Liquid	Melting Point: N/A	Vapor Density: N/D	Specific Gravity: 1.0
Coef. Water/Oil Dist: Greater than 1.0	Evaporation Rate: N/D	Solubility in Water: Soluble	Odor Threshold: N/D

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to boiling
Flammable Limits: None known
Extinguishing Media: Product not flammable. Use extinguishing media suitable for surrounding fires.
Unusual Fire and Explosion Hazards: None known
Hazardous Combustion Products: None known
Special Fire Fighting: Wear full protective equipment including self-contained breathing apparatus for fire fighting situations Use water spray to cool all nearby fire exposed surfaces

Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

Conditions of Flammability: None
Auto ignition Temperature: None known

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable, under normal conditions
Incompatibility (material to avoid): Strong acids or alkali compounds may inactivate biological cultures
Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.
Irritancy of Product: May be irritating to eyes and skin.
Sensitization: Skin sensitization may occur
Name of Toxicological Synergistic Product: None known.
Teratogenicity: 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

Routes of Entry: Skin and eye contact, ingestion
Carcinogenicity: None known.
Mutagenicity: None known.
Reproductive Toxicity: None known.

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
Eye Protection: Chemical goggles, safety goggles or face shield
Protective Clothing and Equipment: Long sleeves coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Store in a cool, dry place away from incompatible materials. Keep container closed when not in use. Do not mix with any other chemicals. Avoid contact with skin, eyes and clothing. Use good industrial hygiene. Store at temperatures below 30°C (86°F).
Disposal Procedures for Spills or Leaks: Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.
Special Shipping Information: Store at temperatures below 30°C (86°F).

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: (306) 347-0444

LAST UPDATE: Jan. 6, 2015

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE