



Formula 400

Organic Digester

DESCRIPTION

FORMULA 400 is a highly concentrated blend of specialized bacteria strains and natural enzymes. It is used in treating organic sludge and odor products in municipal sewage systems, drains, manure pits or disposal systems, grease traps, or sewage collection systems of all kinds.

DIRECTIONS

FORMULA 400 should be dissolved in lukewarm water and added regularly to the system in dosages recommended by your Maxim representative.

PHYSICAL DATA

Appearance	Dry, granular material
Color	Light brown
Odor	None
Foam	Low
pH	Neutral

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **FORMULA 400** WHMIS CODE: N/A
Proper Shipping Name: N/A
Product Use: *Concentrated Organic Digester* 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>
No Hazardous Ingredients This formulation contains protease enzymes and bacillus subtilis bacteria not classified as hazardous material.			

SECTION 3 – PHYSICAL DATA

Color and Odor: Brown powder, characteristic odor	Boiling Point: N/A	Vapor Pressure: N/D	pH: N/A
Physical State: Powder	Melting Point: N/D	Vapor Density: N/D	Specific Gravity: N/A
Coef. Water/Oil Dist: N/D	Evaporation Rate: N/D	Solubility in Water: 22.5%	Odor Threshold: N/D

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None	Sensitivity to Mechanical Impact: None.	Conditions of Flammability: None known
Flammable Limits: None known.	Sensitivity to Static Discharge: None	Auto ignition Temperature: None known.
Extinguishing Media: Water		
Unusual Fire and Explosion Hazards: None		
Hazardous Combustion Products: None		
Special Fire Fighting: None		

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable	Hazardous Polymerization: Will not occur.
Incompatibility (material to avoid): None known	
Hazardous Decomposition Products: None	

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.	Routes of Entry: Skin and eye contact, inhalation
Irritancy of Product: May cause irritation upon prolonged contact.	Carcinogenicity: None known.
Sensitization: None known.	Mutagenicity: None known.
Name of Toxicological Synergistic Product: None known.	Reproductive Toxicity: None known.
Teratogenicity: None known.	
Effects of Chronic Exposure: None.	
Effects of Acute Exposure to Product: May cause irritation to eyes, skin and respiratory tract upon prolonged contact	

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: When working with 25 lbs or more, use a protective dust mask.
Ventilation: Use with normal ventilation
Protective Gloves: Use rubber or plastic gloves when handling the concentrated product.
Eye Protection: Chemical goggles, safety glasses 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: Clean up according to normal procedures for powder spills
Waste Disposal Method: Reuse if possible, or otherwise flush into sewage system with water
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