



# GLENGARRY CHEMICALS LTD.

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## MATERIAL SAFETY DATA SHEET

### Emergency Telephone Numbers:

CANUTEC: 1-613-996-6666  
POISON CONTROL CENTRE: 1-800-268-9017

W.H.M.I.S. CLASSIFICATION: D2B

### SECTION I PRODUCT INFORMATION

Product Name : BIOMASS  
Product Use : Organic Dispersant  
Chemical Family : Mixture  
Chemical Formula : Mixture

### SECTION II HAZARDOUS INGREDIENTS

COMPONENTS	Wt / Wt %	LD <sub>50</sub> Oral-rat	HAZARD	CAS NO.
Sulfuric acid, mono(2-ethylhexyl) ether, sodium salt	0.1 to 1.0	Not Available	Irritant	126-92-1
Silicic acid, sodium salt, polymer with 2-propenenitrile, hydrolyzed	0.1 to 1.0	Not Available	Irritant	68441-10-1
Sodium Silicate	0.1 to 1.0	1280 mg/Kg	Irritant	1344-09-8

### SECTION III PHYSICAL STATE

Appearance and Physical State : Milky white water emulsion  
Odour : None Boiling Point (°C) : ~ 100  
Specific Gravity (water = 1) : 1.00 - 1.05 Freezing Point (°C) : ~ 0  
Vapour Pressure (mm Hg) : Not Available % Volatile ( by weight) : > 60 (as Water)  
Vapour Density (air = 1) : Not Available pH Product : 11.5 - 12.5  
Evaporation Rate : Not Available pH 1% Solution :  
Solubility in Water : Dispersible Coefficient of Water/Oil Distribution : Not Available

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability: Non-Flammable  
Upper Explosive Limit : Not Applicable Lower Explosive Limit : Not Applicable  
Flash Point : Not Applicable  
Means of Extinction: Appropriate for surrounding materials.  
Special Procedures : Self contained breathing apparatus and protective clothing should be worn in fighting all fires involving chemicals.

### SECTION V HEALTH HAZARD DATA

#### A - EFFECTS OF ACUTE OVEREXPOSURE

EYES: May cause moderate to severe irritation, redness, and pain.  
SKIN: May cause moderate to severe irritation.  
INHALATION: Product is not volatile, however mists may be irritating.  
INGESTION: Effects are not well documented. May cause gastrointestinal discomfort.

#### B - EFFECTS OF CHRONIC OVEREXPOSURE

The effects from chronic exposure to this product have not been fully evaluated.

## SECTION VI EMERGENCY AND FIRST AID

- EYES:** Wash with copious amount of cold water for at least 20 minutes keeping eyelids open. If irritation persists, repeat flushing and obtain medical attention immediately.
- SKIN:** Immediately wash the affected areas with plenty of water. If irritation, redness or burning sensation develops obtain medical advice.
- INHALATION:** Remove to fresh air.
- INGESTION:** Do not attempt to give anything by mouth to an unconscious person. If person is alert and not convulsing rinse mouth out and give 1-2 glasses of water to dilute material and seek medical attention immediately. Do not induce vomiting.

## SECTION VII TOXICOLOGICAL DATA

- Exposure Limits:** Not Available.
- Carcinogenicity:** The ingredients of this product is not regulated as carcinogen by OSHA.
- Reproductive Effects:** No information is available.
- Mutagenic Effects:** No information is available.
- Teratogenic Effects:** No information is available.
- Sensitization:** No information is available.
- Routes of Entry:** Ingestion, Inhalation, Skin and eye absorption.

## SECTION VIII SPILL OR LEAK PROCEDURES

### Steps To Be Taken In Case Material Is Spilled Or Released:

Wear protective equipment. Contain the spill and soak up with an absorbent material. Collect for disposal.

### Disposal Procedures:

Follow your local, provincial, and federal government chemical disposal regulations.

## SECTION IX PROTECTION INFORMATION

- Engineering Controls:** Local Exhaust.
- Respiratory Protection:** NIOSH/MSHA approved mist respirator, if misting conditions exists.
- Protective Clothing:** Chemical resistant Gloves, apron or impervious protective clothing.
- Eye Protection:** Safety Glasses.
- Other Protective Equipment:** Eye Wash Station and Safety Shower.

## SECTION X REACTIVITY DATA

- Stability:** Stable.
- Conditions to Avoid:** Avoid strong acids.
- Hazardous Polymerization:** Will Not Occur.
- Incompatibility to Other Substances:**  
Incompatible with cationic polymeric materials, strong acids.
- Hazardous Combustion Products:**  
Thermal decomposition products are toxic and may include and oxides of carbon, nitrogen and sulfur.

## SECTION XI HANDLING AND STORAGE PRECAUTIONS

Use normal "good" industrial hygiene and housekeeping practices, and wear safety equipment when handling this material. Keep containers closed when not in use.

## SECTION XII FURTHER INFORMATION

### TDG CLASSIFICATION:

**Shipping Name:** NOT REGULATED  
**UN Number:** Not Applicable. **Class:** Not Applicable. **Packing Group:** Not Applicable.

### Preparation Information:

**Prepared By:** Regulatory Department  
**Revision Date:** 27-Mar-15 **Preparation Date:** 1-May-01

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