



Safety Data Sheet

SECTION 1 – Identification

Product: BIOMELT® SUPREME anti-icing/deicing fluid

Chemical Name: Trade Secret

Formula: Proprietary

Road Solutions div of Waverly Industries, LLC
145 W Shore Dr Culver IN 46511 800-925-7052
24-Hour Emergency Assistance: 888-840-5564

SECTION 2 –Hazard(s) identification

NFPA Identification - BIOMELT® SUPREME - Health – 1, Fire – 0, Instability - 0.

NFPA – Hazard Identification: This system identifies the hazards in three categories: Health, Flammability and Reactivity and indicates the order of severity ranging from 4 indicating a severe hazard to 0 indicating no special hazard.

SARS-EPA SARA Title III Hazard Categories: 1-Fire Hazard, 2-Sudden Release of Pressure, 3-Reactive, 4-Immediate (Acute) Health Hazard, 5-Delayed (Chronic) Health Hazard.

SECTION 3 – Composition / information on ingredients

Composition : Trade Secret	Ingredients ; Trade Secret

SECTION 4 – First Aid Measurers

Emergency and First Aid Procedures:

Ingestion: If ingested seek medical supervision.

Skin Contact: Wash skin with water and mild soap. If irritation occurs, seek medical attention.

Eye Contact: Flush eyes with plenty of water for 30 minutes. Get medical attention if warranted.

Inhalation: Remove to fresh air. Seek medical attention if irritation persists.

SECTION 5 – Fire – Fighting Measurers

Flash Point (Method Used): Closed cup 320°F (160°C)

Flammable Limits: Lower 0.9%

Special Fire Fighting Procedures: Wear proper fire - fighting equipment

Unusual Fire and Explosion Hazards: Decomposition products are carbon oxides (CO, CO₂) maybe toxic fumes.

SECTION 6 – Accidental Release Measurers

Material is Released or Spilled: All spills should be contained and picked up with earthen or other absorbent material and placed in suitable container.

Waste Disposal Method: Follow Local, State and Federal regulations.

SECTION 7 – Handling and Storage

Precautions Handling and Storing: Spilled material may be slippery. Clean up spills completely before walking in the area of spillage.

Other Precautions: Follow Local, State and Federal regulations.

SECTION 8 – Exposure Controal / Personal Protection

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air contaminants Permissible Exposure Limits. Eyewash and Safety Shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION 9 Physical and Chemical Properties

Boiling Point (F): 554°F (290°C)	Specific Gravity (H²O=1): ~ 1.18
Vapor Pressure (mmHg): 0 kPa (@20°C)	Evaporation Rate (n-BuAc=1): Not available
Vapor Density (Air=1): 3.17	Melting Point: Not available
Solubility in Water: Miscible in water	pH: ± 6.0 – 8.5
Appearance and Odor: semi clear - green; sweet odor	Weight: ~ 9.83 lbs per gal

SECTION 10 – Stability and Reactivity

Stability: Stable

Incompatibility: (Materials to Avoid): Strong acids or strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.

Hazardous Polymerization: Will not occur.

SECTION 11 Toxicological Information

Product Ingredients not listed in the National Toxicology Program (NTP) Report on Carcinogens or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, or by OSHA.

Route(s) of Entry: Inhalation – Yes. Skin – Yes. Eyes – Yes. Ingestion – unlikely.

Carcinogenicity: NTP – no. OSHA –no. IARC – no.

Threshold Limit Value: None OSHA

Acute Oral Toxicity (rat): Low acute oral toxicity; LD50 for rats is 12,600 mg/kg.

Skin Contact: May cause irritation.

Eye Contact: May be irritating to eyes.

Inhalation: May cause respiratory irritation.

Effects of Overexposure: Acute signs and symptoms as listed.

SECTION 12 – Ecological Information

Non Mandatory – Regulated by Other Government Agency.

Investigate Local, State and Federal Regulations.

SECTION 13 – Disposal Considerations

Non Mandatory – Regulated by Other Government Agency.

Investigate Local, State and Federal Regulations.

SECTION 14 – Transportation Information

Non Mandatory – Regulated by Other Government Agency.

Investigate Local, State and Federal Regulations.

SECTION 15 – Regulatory Information

Non Mandatory – Regulated by Other Government Agency.

Investigate Local, State and Federal Regulations.

SECTION 16 – Other Information

SNI Solutions – SDS Document review and approval date: 09-09-20

The information contained herein is furnished without warranty of any kind. Employees should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.