Safety Data Sheet

SECTION 1 – Identification

Product: BIOMELT® S7 anti-icing/deicing fluid

Chemical Name: Trade Secret

Formula: Proprietary

Manufacturer: SNI Solutions

24-Hour Emergency Assistance: 888-840-5564

SECTION 2 –Hazard(s) identification

NFPA Identification - BIOMELT® S7 Health – 0, 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): Not applicable
Flammable Limits: LEL – not applicable UEL – Not applicable
Special Fire Fighting Procedures: Wear proper fire - fighting equipment
Unusual Fire and Explosion Hazards: None

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: Dispose per approved area 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: None

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): Not Available	**Specific Gravity (H^2O=1):** ± 1.23 – 1.28
Vapor Pressure (mmHg): Not available	**Evaporation Rate (n-BuAc=1):** Not available
Vapor Density (Air=1): Not available	**Melting Point:** Not available
Solubility in Water: Complete	**pH:** ± 6.0 – 8.5
Appearance and Odor: semi clear - green; sweet odor	

SECTION 10 – Stability and Reactivity

Stability: Stable
Conditions to avoid: None
Incompatibility: (Materials to Avoid): May corrosive to light metals.
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 – none. Skin – unlikely. Eyes – yes. Ingestion – unlikely.
Carcinogenicity: NTP – no. OSHA –no.
Threshold Limit Value: See Section II
Acute Oral Toxicity (rat): Low acute oral toxicity; LDL50 for rats is >5 g/kg.
Skin Contact: May cause irritation.
Eye Contact: May be irritating to eyes.
Inhalation: None
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: 06-19-14

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.