



PRODUCT SAFETY DATA SHEET



ROAD MAINTENANCE

SECTION 1: Product and Company Identification

BEET 55™ Liquid Organic Accelerator

Product: BEET 55™

Recommended: Anti-icing/Deicing fluid

Authorizing Company: Smith Fertilizer & Grain
1650 Quebec St., Knoxville, IA 50138 USA

For Emergency Assistance: 1-641-891-8560

For Other Information: 1-641-828-8508

SECTION 2: Hazard Identification

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.

Ingredient(s): Trade Secret

CAS No.: --

NFPA: 0-0-0

SECTION 3: Composition/Information on Ingredients:

Trade Secret

SECTION 4: First-Aid Measures

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; LD₅₀ 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.

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 Measures

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 Measures

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 & 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 Controls/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.



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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Boiling Point (F)	Not available
Vapor Pressure (mmHg)	Not available
Vapor Density (Air=1)	Not available
Solubility in Water	Appreciable
Appearance and Odor	Dark aqueous solution; sweet odor
Specific Gravity (H2O=1)	1.275–1.34
Evaporation Rate (n-BuAc=1)	Not available
Melting Point	Not available
pH	5.0 – 10.0

SECTION 11: Toxicological Information: Available upon request

SECTION 12: Ecological Information: Available upon request

SECTION 13: Disposal Information: Available upon request

SECTION 14: Department of Transportation — Classification:
Classification Two

SECTION 15: Regulatory Information: Available upon request

SECTION 16: Other Information

SECTION 10: Stability and Reactivity

Stability: Stable

Conditions to avoid: None

Incompatibility (Materials to Avoid): May be corrosive to light metals.

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

Hazardous Polymerization: Will not occur.

SMITH FERTILIZER & GRAIN COMPANY, INC. | SFGIOWA.COM

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SDS BEET55C™

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Smith Fertilizer & Grain Approved 12/11/15 CL