

NEWDEAL NAAF®

MATERIAL SAFETY DATA SHEET

1. Product And Company Identification

Product:

NewDeal NAAF® Deicer
Solid Airfield Deicer

Distributed by:

New Deal Deicing
2172 Acacia Club Road
Hollister, MO 65672
United States
Phone: (417) 671-9891

2. Composition / Information on Ingredients

Ingredient(s):	CAS#	Content
Sodium Formate	141-53-7	70%
Sodium Acetate	127-09-3	30%

3. Hazards Identification

Overexposure may cause skin or eye irritation or skin rash, tearing, or blurring of vision.

Not designated as a hazardous material by the Federal DOT.

4. First Aid Measures

Eye Contact:

Flush eyes immediately with plenty of water for at least 15 minutes. Remove contact lenses if worn. If irritation persists, see a doctor.

Skin Contact:

Wash with soap and water. Wash contaminated clothing before reuse.

Inhalation:

If inhaled large amounts, move to fresh air. If breathing is difficult, see a doctor.

Ingestion:

This product is for external use only. Product may be hazardous when ingested. Seek medical advice if ingested.

5. Fire Fighting Measures

Flash Point: > 212°F

Auto Ignition: N/A

Flammability Limits (% by volume in air):

Lower: N/A Upper: N/A

Combustion Products: CO, CO₂

Extinguishing Media:

Water spray, foam, carbon dioxide, dry chemical.

Special Precautions:

Wear proper protective clothing and self-contained breathing apparatus with full face piece.

NFPA Ratings:

Health 1; Flammability 0; Reactivity 0

Special Fire and Explosion Hazard: None

6. Accidental Release Measures

Before handling any spills, observe the safety precautions described in Section 8.

Spills can be removed in the dry form with suitable equipment or flushed away with plenty of water.

For chemical emergencies such as a spill, leak, or accident call Chemtrec: 800-424-9300

7. Handling and Storage

Avoid contact with skin and eyes.

Keep container tightly closed. Store in a cool, dry, and well-ventilated area.

8. Exposure Control / Personal Protection

Engineering Control:

Keep container tightly closed and protect from moisture. Use ventilation that is adequate to keep employee exposure to airborne dust limited.

Personal Protective Equipment:**Eye / Face Protection:**

Always wear safety glasses when working with chemicals.

Skin Protection:

Appropriate work apparel. Plastic or rubber gloves optional.

Respiratory Protection:

No special respiratory protection is required where adequate ventilation exists. However, if operating conditions create high airborne concentrations, the use of a dusk mask or an approved respirator is recommended.

Protective Measures:

Observe good plant practices. Wash hands after handling the product.

9. Physical & Chemical Properties

Appearance And Odor:

White granules, slight odor.

Melting Point: 253°C (487°F)

Boiling Point: N/A

pH: 9-11 (15% solution)

Evaporation: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: 1.8

Solubility: Soluble in water.

10. Stability & Reactivity

Stability: Stable.

Hazardous Polymerization:

Polymerization will not occur.

Incompatibility (Material to Avoid):

Strong oxidizing agents, acids.

Hazardous Decomposition Products:

Thermal decomposition may generate carbon monoxide and carbon dioxide.

Special Precautions:

Keep container tightly closed in any general chemical storage area.

11. Toxicological Information

Eye Irritation: N/A

Skin Irritation: N/A

Respiratory/Inhalation: N/A

Ingestion: N/A

12. Ecological Information

BOD5: 0.15 kg O₂/kg Solid

COD: 0.34 kg O₂/kg Solid

Aquatic Toxicity: 48 hour LC50: 3950 mg/kg

13. Disposal Consideration

Based on available information, this product is neither listed as a hazardous waste nor does it exhibit any characteristics that would cause it to be classified or disposed of as an RCRA hazardous waste. If product becomes unsuitable for normal deicing applications, dispose in accordance with federal, state, and local regulations at waste management site.

14. Transport Information

Not designated as a hazardous or dangerous material by the Federal DOT.

Not restricted under any transport regulations.

15. Regulatory Information

SARA 311 Categories:

1. Immediate (Acute) Health Effects:	Yes
2. Delayed (Chronic) Health Effects:	No
3. Fire Hazard:	No
4. Sudden Release of Pressure Hazard:	No
5. Reactivity Hazard:	No

16. Other Information

Overexposure to this chemical may adversely affect people with chronic disease of the respiratory system, skin and/or eyes. This Material Safety Data Sheet contains health and environmental information for your employees. Please make sure this information is given to them. It also contains information to help you meet community right-to-know and emergency planning/response requirements under SARA Title III and other laws.

The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, New Deal Deicing makes no warranty, either express or implied, with respect to the continuing accuracy and completeness of the information contained herein. It is the user's responsibility to determine the safety, toxicity, and suitability of his own use, handling, and disposal of this product. New Deal Deicing assumes no responsibility for any injury or loss resulting from the use of the product described herein. The data in this MSDS relates to the specific material designated herein only and does not relate to the use in combination with any other materials or in any other process.