



NASi SF™ (IceCare & Ecoway SF) is an advanced, environmentally friendly, granulated solid sodium formate deicing product that is certified to the latest edition of **SAE AMS1431E**. It is specifically engineered to allow for efficient removal of snow and ice from airport runways, aprons, parking lots, and access roads and is designed to maintain adequate friction between aircraft tires and the runway. **NASi SF** is also effective in landside areas that are sensitive to corrosion such as parking decks, stadiums, institution grounds, parks, bridges, and roadways. In these applications, **NASi SF** helps avoid/reduce the chloride load in waterways when compared to traditional salt.

TYPICAL PROPERTIES

Active Ingredients	Min. 98%
pH, (15% Solution)	8–12
Density, kg/L @ 68°F (20°C)	0.9–1.0 kg/L
Appearance	White, irregular granulate
Odor	Very slight
Water Miscibility (20°C)	81 g / 100 ml
Eutectic Temperature	-8°F (-22°C)
Effective to	0°F (-18°C)
BOD (5 DAY), g O ₂ /g of fluid @ 68° F (20°C)	0.01–0.20
COD, g O ₂ /g of fluid @ 68° F (20°C)	0.25–0.35
Chloride	0–250 ppm*
Flash Point	Non-flammable, no flash at 200°F (93°C)

* According to the EPA drinking water standards for nuisance chemicals, the Secondary Maximum Allowable Limit (SMCL) for chlorides, the limit is considered not a present risk to human health at <250 ppm.

Reference:

<https://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals>



**INFORMATIONAL ONLY

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