

# Pergrip™ Run NF

## Solid Runway/Taxiway and Parking Apron De-icer



### Description

Pergrip™ Run NF is a solid runway, taxiway and parking apron de-icer based on sodium formate. It is an easy applicable, fully biodegradable and environmentally friendly de-/anti-icing product combined with unique formulation of corrosion inhibitors. The de-icer fulfils the SAE AMS 1431 standard. Pergrip™ Run NF performs by decreasing the freezing temperature of water and creates protection from snow, ice, freezing rain and slush.

### Performance

- ⇒ Pergrip™ Run NF can be applied directly onto the pavement surface where it is desirable both preventive and/or reactive treatment.
- ⇒ Product does not contain Triazoles or Nonylphenols

### Sales specification

- |                     |                                      |
|---------------------|--------------------------------------|
| ⇒ Sodium Formate, % | Min 97                               |
| ⇒ pH value          | 11.0-12.0                            |
| ⇒ Appearance        | White, Irregular Granules            |
| ⇒ Granular size, mm | Max 2.0% < 0.5 mm<br>Max 2.0% > 5 mm |

### Certification

- ⇒ Pergrip™ Run NF is certified and approved by the latest version of SAE AMS 1431 standard
- ⇒ LFV tests of impact for asphalt/concrete pavements
- ⇒ AIR tests
- ⇒ Tests of impact for soil, water and waste water are done following particular local requirements

### Storage & Handling

- ⇒ Pergrip™ Run NF de-icer is prepared and delivered for final usage.
- ⇒ Offered in 1000 kg/500 kg Big Bags and 25 kg bags
- ⇒ It is highly recommend to store Pergrip™ Run NF de-icer in its original package on a pallet in a cool, dry and well-ventilated place because of its high absorption of water. Keep packages tightly closed. For safety, it is also highly recommended to store Pergrip™ Run NF away from extreme heat and away from strong oxidizing agents.
- ⇒ When storing Pergrip™ Run NF de-icer under conditions and requirements presented above – the shelf-life of the product is minimum 24 months from its date of manufacture.

### Bio-degradability & Aquatic toxicity

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|---|----------------------------------|
| ⇒ BOD <sub>5</sub>                                  | 0.13 kg O <sub>2</sub> /kg solid |
| ⇒ COD <sub>5</sub>                                  | 0.27 kg O <sub>2</sub> /kg solid |
| ⇒ Acute toxicity to Daphnia Magna<br>48 hours EC50: | > 1000 mg/l                      |
| ⇒ Acute toxicity to fish<br>96 hours LC50:          | > 2000 mg/l                      |

CAS no.: 141-53-7  
EC (EINECS) no.: 205-488-0  
HS no.: 291512