

# 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

### 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

### Bio-degradability & Aquatic toxicity

- 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  
48 hours EC50: > 1000 mg/l
- Acute toxicity to fish  
96 hours LC50: > 2000 mg/l

### 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  
Max 2.0% > 5 mm

### 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.

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