



TECHNICAL DATA SHEET

SAFEGRIP® FR

PRODUCT DATA AND TYPICAL PROPERTIES

SAFEGRIP® FR is a potassium formate based de-icer and contains no glycols, urea or triazoles. It is formulated with corrosion inhibitors and conforms to material compatibility tests according to SAE AMS1435D. This type of liquid de-icer is sometimes preferred because of its lower oxygen demand (COD/BOD) in degradation (please refer to the safety data sheet).

Specific gravity (20°C)	: 1.33 (typical) (equivalent to 1.33 kg/L)
Freezing point	: less than -60°C
Water miscibility	: Completely miscible
Conductivity (20°C)	: 170 milliSiemens (typical)
Viscosity (20°C)	: less than 10 mPa.s
Viscosity (0°C)	: less than 20 mPa.s
Not flammable	

PRODUCT SPECIFICATION

Appearance		colourless to pale straw liquid
Specific Gravity (20°C)		1.32-1.36
Composition	% Potassium Formate	≥ 50% w/w (equivalent to approximately 650 g/L)
pH (20°C, neat)		10.5-11.2

The product is tested using our standard analytical methods.

HANDLING AND STORAGE

Shelf life:	Minimum shelf life of 3 years, but essentially infinite.
Storage Conditions:	At ambient environmental temperatures in sealed drums or IBCs as supplied, or in a closed bulk tank of suitable construction.

STANDARD PACKAGING

Road tankers, according to transport regulations.
1000 litre Intermediate bulk containers (IBCs), 200 and 25 litre polyethylene drums.

MAIN USES

SAFEGRIP® FR is an environmentally safe, high performance anti-icing and de-icing liquid for runways and taxiways.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

Product: SAFEGRIP® FR

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