

# Fuel anti-icing additive ICE-5

Meets MIL-DTL-85470B and ASTM STANDARD D4171 – 03 AND MIL-DTL-27686



## Product description

ICE-5 is a fuel anti-icing additive for turbine fuel and works as a fuel icing inhibitor. ICE-5 is mixed in the fuel at rates of 0,10% up to 0,15% by volume. If the aircraft has no heating system for the fuel, small amounts of free water in the fuel can freeze and block fuel lines, filters and valves. Properly used ICE-5 will prevent icing of the water in the fuel system.

A positive side effect of ICE-5 is inhibition of bacteria-growth in fuel tanks.

## Properties

Physical state at 20 °C: Liquid  
Colour: Colourless  
Odour: Characteristic  
Final boiling point (°C): 194 °C  
Density: 1.02  
Vapour pressure (20 °C): 0,13  
Solubility in water: Complete  
Flash point (°C): 96.1 °C (ASTM G93)

## Packaging

Available in 500 ml aerosols sprayer with tube and clip, 1 liter bottle and 200 liter barrel.

## Certification

Complies with ASTM-D4171-03 and is produced according MIL-DTL-85470B, MIL-DTL-27686

## Application

Careful mixing with the fuel of ice-inhibitors, such as ICE-5 DiEGME is very important! Just pouring the product in the tanks will result in insufficient mixing and separation of the inhibitor with the fuel. For direct addition at refueling, ICE-5 aerosols are very handy. The aerosols are delivered with a flexible tube and a clip for direct dosing in the stream of jet fuel coming out of the nozzle. ICE-5 is usually mixed in the fuel at rates of 0,10% and 0,15% by volume.

## Safety

- Review MSDS before use
- Shelf life 36 months