



# DE-ICING AND ANTI-ICING

We supply certified de-icing and anti-icing chemicals for various preventive and curative de-icing applications in critical environments. This supply includes fuel anti-icing additives, TKS for 'weeping wings' de-icing systems, and other non-corrosive products for ground de-icing of aircraft, runways and aprons. In addition to these products, non-corrosive de-icers suitable for railroads, trucks, cars, ship decks, loading docks and any other relevant situations are available.



# DE-ICING AND ANTI-ICING






## TKS De-icing Fluid

TKS De-icing Fluid is intended to prevent or facilitate resistance to in-flight icing on aircraft equipped with TKS de-icing systems and can also be used for ground de-icing. It works as a freezing point depressant and acts as a de-icing and anti-icing agent.

### CERTIFICATION

D.T.D. 406B  
British Joint Service Designation AL-5  
NATO Code Number S-745

### AVAILABLE IN

-  5/10/20 litre can
-  200 litre barrel
-  1,000 litre IBC







## ICE-5 Fuel System Icing Inhibitor

Aircraft that lack fuel heating systems are vulnerable to the freezing of small amounts of autonomous water in the fuel, which may block fuel lines, filters and valves. When properly used, ICE-5 prevents water from icing in the fuel system. ICE-5 Fuel System Icing Inhibitor (FSII) is mixed into the fuel at a ratio of 0.10% to 0.15% based on volume. One litre of ICE-5 can treat from 660 litres to 1,000 litres of fuel. Mix thoroughly to avoid separation of the inhibitor and fuel.

### CERTIFICATION

ASTM-D4171-03 compliant  
Chemical properties according to MIL-DTL-85470 & DEF STAN 68-252  
British Joint Service Designation AL-41  
NATO Code Number S-1745

### AVAILABLE IN

-  500 ml aerosol
-  1 litre can
-  200 litre barrel
-  1,000 litre IBC



## Grandi-U2 Runway De-icer

Grandi-U2 is a sodium formate-based de-icing/anti-icing product for airport runways, taxiways and aprons. Common salt or other chloride-based de-icers are not recommended for use in runway or apron de-icing due to their corrosive properties. The solid irregular granules can be used for curative (de-icing) and preventive (anti-icing) treatments. The product contains corrosion inhibitors and is effective down to -18°C.

### CERTIFICATION

AMS 1431

### AVAILABLE IN

-  20 kg bag
-  800 kg pallet (40 bags of 20 kg)






## Type I De-icing Fluid

Type I De-icing Fluid is a propylene glycol based de-icing product intended for use during ground de-icing of aircraft and is ideal for the removal of snow, ice and frost from the craft's frame and wings. This product's non-corrosive and triazole-free formula contains an enhanced low foaming surfactant and dye package which provides excellent surface wetting and can easily be spotted on treated surfaces. This readily biodegradable fluid is only used for ground de-icing and does not guarantee additional protection against icing during flight or take-off.

### CERTIFICATION

AMS 1424

### AVAILABLE IN

-  20 litre can
-  200 litre barrel
-  1,000 litre IBC



## Frostman De-icing Fluid

Frostman De-icing Fluid is an all-purpose de-icing fluid, used for a wide range of de-icing applications: railroads, trucks, cars, ship decks, loading docks, etc. It has no damaging effects on painted, metal, plastic, rubber and glass surfaces and works as a freezing point depressant. Acts as a de-icing and anti-icing agent.

### CERTIFICATION

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### AVAILABLE IN

-  5 litre can

