



**Aircraft Deicing Inc.**

833-334-2464

[www.aircraftdeicinginc.com](http://www.aircraftdeicinginc.com)

## **“TYPE 1” Aircraft De-icing Fluid Clariant Safewing MP 1 LFD 88 Dilute**

Safewing MP 1 LFD 88 is an AMS 1424, propylene glycol based Type I de-icing fluid

**Ready To Use (RTU) Formula**

**Ratio “55/45”**

(55% “Type 1” / 45% water)

**Freeze Point -30°F**

**Outside Air Temp (OAT) -12°F\***

\*or aircraft skin temperature, whichever is lower.

- This fluid meets the latest SAE Type I and AMS 1424 specifications for aircraft de-icing.
- Propylene glycol is used in this product, to ease health and environmental concerns.
- Fully biodegradable
- Low foaming fluid with excellent wetting properties that entirely covers aircraft surfaces to avoid premature re-icing of already treated surfaces
- Can be stored up to 2 years under proper conditions.
- Type 1 Aircraft De-icing Fluid RTU must be heated, in accordance with FAA approved de-icing/anti-icing program. This FAA approved program should reference SAE ARP 4737 & ISO 11076.
- Available Sizes: 5 gallon pail, 55 gallon drum, 250 gallon Tote



**CAUTIONS** • Any user of this product is responsible for determining the suitability of Safewing MP 1 LFD 88 product for its particular application. The Pilot-in-command holds the ultimate responsibility to remove all frozen contaminants from critical aircraft surfaces and components, to conduct visual and tactile inspection to the aircraft after de-icing/anti-icing procedures and prior to takeoff, and to ensure that the aircraft is safe for departure. Ground de-icing and anti-icing fluids provide no protection against icing in flight.



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## **“TYPE IV” Aircraft Anti-icing Fluid Clariant Safewing MP4 Launch**

- This fluid is a FAA approved, SAE Type IV Aircraft Deicing fluid per FSAT 00-11c (or newer regulations as issued)
- Meets the latest specifications of AMS 1428A and SAE/ISO Type IV
- Propylene Glycol Formulation
- Non-toxic and environmentally safe
- Available Sizes: 5 gallon pail, 55 gallon drum, 250 gallon tote

Type IV Anti-icing fluid is specifically thickened so as to remain on the wing and other aircraft externals, to prevent ice from forming. Type IV products are not used for ice removal, but rather for icing prevention. Propylene glycol is used in this product to easy health and environmental concerns.

Apply Type IV anti-icing fluid to form a thin film on surfaces, to wings and aircraft exterior aft of wings. Aircraft must be sprayed symmetrically the same on both sides otherwise flight performance will be affected!!

**DO NOT USE BELOW -20°F!!!**

Consult the current FAA guidelines and procedures using Type IV. Table 4, FSAT 00-11-C should be consulted for establishing holdover times pertinent to weather conditions.



**CAUTIONS** • Any user of this product is responsible for determining the suitability of Safewing MP4 Launch for its particular application. The Pilot-in-command holds the ultimate responsibility to remove all frozen contaminants from critical aircraft surfaces and components, to conduct visual and tactile inspection to the aircraft after de-icing/anti-icing procedures and prior to takeoff, and to ensure that the aircraft is safe for departure. Ground de-icing and anti-icing fluids provide no protection against icing in flight.