

SAFEWING™ MP IV LAUNCH

TYPE IV AIRCRAFT DE-ICING / ANTI-ICING FLUID

SAE AMS 1428

TECHNICAL CHARACTERISTICS

PROPERTY	VALUE
Base Fluid	Propylene Glycol
Appearance	Green Liquid
Density (20°C)	Approx. 1.04 g/cm ³
Shelf Life	24 Months
Environmental Profile	Readily Biodegradable
Formulation	PFAS-Free Triazole-Free
Safety	GHS Label Free
Low Foaming	Yes
Wetting	Excellent
Storage Stability	Long-Term

PERFORMANCE CHARACTERISTICS

DILUTION (v/v)	WSET*	HHET*
Neat (100/0)	> 97 min	> 12 hr
75/25	> 67 min	> 6 hr
50/50	> 24 min	> 6 hr

* According to initial qualification report.
Dilution with water.
No decline after thermal stability testing with hard water.



TRANSFER REQUIREMENT

Safewing™ MP IV Launch may only be pumped using positive displacement pumps when mechanical transfer is required.

ACCEPTANCE CRITERIA

DILUTION (v/v)	FREEZING POINT (FP)	LOUT**
100/0 (Neat)	-36°C (-33°F)	-28.5°C (-19°F)
75/25	-21°C (-6°F)	-14°C (7°F)
50/50	-10°C (14°F)	-3.5°C (26°F)

FP: ASTM D1177

** LOUT: Lowest Operational Use Temperature per SAE AMS 1428

APPLICATIONS

- Commercial Aviation
- Military Aviation
- Airport Operations
- Aircraft De-Icing
- Aircraft Anti-Icing
- Winter Airfield Operations

STORAGE

- **Shelf Life: 24 Months**
- Store in approved containers.
- Do not exceed 60°C (140°F).
- Keep containers tightly closed.
- Use positive displacement pumps for mechanical transfer.

SUPPLIED BY

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CAGE CODE
038J6

MANUFACTURER

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