

ANTICONGELANTE 40% ATX COOLANT/ANTIFREEZE

DESCRIPTION:

Non-toxic organic antifreeze and coolant fluid (OAT) for direct use, created on a base of glycols and a carefully selected package of additives to inhibit corrosion and oxidation.

PROPERTIES & ADVANTAGES:

- ✓ Excellent protection against corrosion of steel and steel alloys.
- ✓ **NON-TOXIC and BIODEGRADABLE** fluid, free of toxic ingredients such as borates, nitrites, amines, and phosphates.
- ✓ Anti-freeze protection for coolant fluid from -24 °C to +139 °C in 2 atm pressure circuits.
- ✓ Excellent thermal transfer capacity.
- ✓ Good anti-foaming properties
- ✓ Its high boiling point avoids cavitation in the fluid and, as a result, the erosion of the circuit owing to the implosion of fluid bubbles against the interior walls of the circuit.
- ✓ It prevents the formation of scale deposits.
- ✓ In heating installations, it prolongs the life of the boiler, radiators, pumps, and other elements of the installation.
- ✓ Compatible with joints and elastomers commonly used in cooling circuits.

APPLICATIONS:

- ✓ Heat transfer fluid in closed circuits for solar panel installations.
- ✓ Flat and vacuum tube collectors in solar energy facilities.
- ✓ Domestic hot water (DHW) facilities and heating.
- ✓ All kinds of cooling circuits that require a non-toxic and/or biodegradable fluid.
- ✓ Food processing facilities.

SPECIFICATIONS / QUALITY LEVEL:

DIN 4757 Part 3 – Solar panel systems
RITE – Technical Code for Building Construction

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Color	Visual	Yellow
NON-TOXIC glycol content (% of weight)	UNE 26-361 / 2	40
Density (kg/L)	ASTM D-1122	1.025 – 1.040
Freezing point (°C)	ASTM D-1177	-24
Boiling point at 1 atm (°C) (°F) typical	ASTM D-1120	105 ± 2 (221)
Boiling point at 2 atm (°C) (°F) typical	ASTM D-1120	139 ± 2 (282)
pH	ASTM D-1287	7.5 – 8.5
Foam formation, volume (ml)	ASTM D-1881	< 30
Foam disappearance time (seconds)	ASTM D-1881	1

Note : These data represent average values after different tests. Due to the wide variety of operating conditions, they do not constitute a basis for specifications.

HOW TO USE:

Direct use, do not dilute with water.

Mixing with other coolant or anti-freeze liquids is not recommended.

Not recommended for use in galvanized circuits or radiators, where zinc glycolate may form, which can cause corrosion damage in the circulator pump. Problem can be resolved by installing the appropriate filter, 100-150 microns.

PACKAGING:

20L jerrycan, 200L drum, and 1,000L IBC container.