

GEL TERMOL ECO

Atoxic antifreeze

Description

GEL TERMOL ECO is a non-toxic, non-glycol, biobased anti-freeze / heat transfer fluid, specifically formulated as an alternative to petroleum derived propylene glycol based anti-freeze fluids; it is colourless, concentrated and guarantees protection from freezing in heating systems, solar panels and cooling circuits.

Feeding and dosage

GEL TERMOL ECO derived from agricultural materials or bio-based processes, this environmentally friendly product is engineered to match the freezing point performance of conventional antifreeze products based on glycols. GEL TERMOL ECO is non-toxic, non-corrosive and is fully biodegradable, offering a lower BOD/COD than glycol. Because of its very low toxicity, the product is used with safety in cooling circuits of systems, for food production (wine, beer, frozen meat) and whenever the liquid might casually come into contact with food. GEL TERMOL ECO used as an anti-freeze liquid is to be diluted according to the thermal protection degree to be obtained:

PROTECTION TEMPERATURE	WATER	GEL TERMOL ECO	BOILING POINT
-11 °C	65%	35%	103 °C
-14 °C	60%	40%	103,5 °C
-22 °C	50%	50%	105 °C
-31 °C	40%	60%	107 °C

Product is directly mixed to the water of the system in a percentage variable according to the table above. It does not undergo any degradation in time, thus keeping its features unaltered for several years. It is recommended anyway to carry out periodical checking of concentration. In case of systems treated with different products, it is however always recommended to empty and rinse the system before introducing GEL TERMOL ECO. The product remains stable for long if stored away from strong oxidizers. Store the product in a well-ventilated area. Keep out of the reach of children.

BENEFITS

- Concentrated product to be used diluted according to the desired protection
- No glycol
- Low BOD/COD
- It does not present any corrosion phenomena even after several years
- Non-toxic
- Suitable for food industry
- Designed for Environmentally Friendly Applications

For thermal plants

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Physical properties

Appearance:	straw yellow liquid
Density:	1,22 Kg/cm ³ (20°C)
pH:	9,9 (+/- 0,5)
Boiling point:	290°C

Packaging

GEL TERMOL ECO is available in the following container: 25 Kg

Safety information

GEL TERMOL ECO is a non-toxic product and can be used in plants where there is even accidental risk of contact with foodstuff. In case of contact with skin, wash the affected parts with water and soap.

The information contained in this document is given in good faith and based on our best knowledge of the product. Nevertheless, the company accepts no liability for any damage howsoever arising incurred using this information, when the product is used improperly.