



ANTICONGELANTE PURO

Description

An anti-freeze made of an ethylene glycol base and with anti-corrosive and anti-foaming additives included. It is free of amines, nitrites and phosphates. It is recommended for all type of refrigeration circuits in diesel and petrol engine cars, and specially for those of aluminium and its alloys. Mixed with water in the range of 30-50% it offers excellent anti-freeze and refrigeration properties, as well as very good protection of metal surfaces.

Qualities

- Excellent protection against corrosion and cavitation, even in low concentrations.
- Mixable with water in any proportion.
- It avoids the build-up of foams.
- It prevents the build-up of deposits and sludge in the refrigeration circuit.
- Great thermal stability.
- It has alkaline capacity in order to neutralize the acidic gases found in combustion which inevitably go on to the refrigeration circuit.
- Compatible with joints and seals, avoiding risks of losses in fluids.

Quality Levels

- UNE 26-361-88
- ASTM D 3306-01
- BS 6580:1992

Technical Characteristics

	METHOD	VALUE
Aspect	VISUAL	Azul
Ph (al 50%)	ASTM D 1287	7.2
Alkaline reserve, M/10 HCL, mL	ASTM D 1121	14
Density at 20°C, g/cm ³	DIN 51757	1.122
Freezing point (50%), °C	ASTM D 1177	-38
Viscosity at 20°C, cSt	DIN 51562	8.5
Flash point, °C	DIN ISO 2592	>120
Boiling point, °C	ASTM D 1120	> 165

Available in

Plastic containers of 1, 5 and 25 Kg and drums of 200 Kg.

Hazard identification

This product is harmful if digested.

Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

Health and safety hazards

Inhalation: Minimum risk of inhalation as it is a non-volatile product.

Ingestion: Does not provoke vomiting. Drink water. Seek medical assistance.

Contact with Skin: Wash with abundant water and soap.

Eyes: Wash with abundant water.

General measures: Seek medical assistance.

Fire fighting measures

No special measures are required.

Fire control: Foams, dry chemicals, CO₂, water spray. Do not apply water jet directly as this may cause the product to spread.

Environmental precautions

Keep away from water sources. Avoid spillages in drains and public sources.

Decontamination and cleaning: Avoid dispersion with mechanical barriers and take out by physical or chemical means.

**Emergency telephone number. Instituto Nacional de Toxicología
915620420**

A safety data file exists.

Unless otherwise specified, the values cited in technical characteristics should be considered as typical.