



**meccanocar**      **411 00 00007-7-5 litres 411 00**  
**00012-12-200 litres 411 00**  
**14890-2790-25 litres 411 00**  
**15300-2900-50 litres**  
**Pure blue antifreeze**

**DESCRIPTION.**

Meccanocar pure antifreeze is a newly formulated protective antifreeze liquid for the cooling circuits of motor vehicles of all makes and types.  
It consists of monoethylene glycol and inhibitory additives free from amines, nitrites and phosphates.  
It must be mixed with water in the appropriate proportions and is colored blue to facilitate identification.

**PROPERTIES AND ADVANTAGES.**

- ➤ Antifreeze protection depending on concentration.
- ➤ Absence of toxic components such as amines, nitrites and phosphates.
- ➤ Total protection of the metals most sensitive to chemical attacks such as copper, brass and welding alloys used in cooling systems.
- ➤ Very high anti-rust power towards ferrous materials.
- ➤ Maximum protection of aluminum and its alloy parts.
- ➤ Prevention of erosion due to cavitation.
- ➤ Cooling of high temperature areas and prevention of overheating.
- ➤ Total compatibility with rubbers and seals. It does not cause fragility and swelling of rubber sleeves, avoiding leaks and leaks.
- ➤ Compatibility with hard water. Mixed with water with a high salt content, it avoids encrustations and deposits, optimizing heat exchange.
- ➤ Very high resistance to foaming.
- ➤ Good lubricating power towards the water pump and seals.
- ➤ Reduction of evaporation losses and top-ups.

**APPLICATIONS.**

Meccanocar pure antifreeze is suitable for cooling circuits of engines of any type (petrol or diesel) of cars, commercial vehicles, agricultural, construction or earthmoving machinery.  
It is also recommended for static engines, marine engines and liquid-cooled motorcycle engines.  
It can also be used for protection against frost and against the formation of scale in home heating systems.

**USE.**

Percentage of product in water	Protection up to
20%	-8°C.
30%	-18°C.
40%	-25°C.
50%	-40°C.

Meccanocar pure antifreeze is a multifunctional liquid and is therefore recommended:

- ➤ During the winter with the main function of avoiding freezing.
- ➤ In the hot season to avoid boiling and limit evaporation losses (the 50% solution has a boiling point of 108°C.).
- ➤ Throughout the year as a total anti-rust, anti-corrosive, anti-limescale and anti-foam protector.
- ➤ Even if 20% pure antifreeze ensures protection up to -8°C, this concentration does not guarantee sufficient general protection of the cooling system.

It is therefore recommended to use the product at a ratio of at least one part of antifreeze to three parts of water (25% concentration).

To ensure maximum efficiency and durability of cooling systems, including sealed ones, a concentration of 50% is recommended which ensures frost resistance down to -38°C. and anti-corrosion protection for at least 2 years or 60,000 km.