

An antifreeze for central heating systems.

ADVANTAGES

CHAUFFAGEL is a mono ethylene glycol-based concentrated antifreeze, specially designed for freezing protection of thermo-siphon central heating systems, or those equipped with a circulation pump. It contains organic inhibitors preventing corrosion of pipework and radiators, as well as of various metals present in the systems (steel-brass).

CHAUFFAGEL's new additives are free from borax (sodium borates), and ensure optimum protection for the systems.

USES

CHAUFFAGEL is only permitted for use in a system with no direct connections to the drinking water distribution network or any domestic hot water production function (see local Sanitary Regulations).

- Drain the system after opening all the radiators, and then carefully flush the circuits.
- Evaluate the system's contents by reading the water meter, and fill up a first time before re draining, or by adding the capacities of the various radiators.
- Determine the quantity of CHAUFFAGEL required for the protection sought.

| Protection, °C | Chauffagel (% by volume) |
|----------------|--------------------------|
| - 18 | 33 |
| - 25 | 40 |
| - 35 | 50 |

- Dilute this quantity in its volume of water.
- Insert this mixture into the circuit via the expansion tank, or by removing a radiator valve at the highest point, or by means of a test pump.
- Top up with water and circulate for one or two hours to homogenise the mixture, if the system has a pump, or keep the heating on for at least 24 hours for thermo-siphon systems.

NB: CHAUFFAGEL contains mono ethylene glycol - an Xn HARMFUL product.

For public health protection, especially children, IGOL CHAUFFAGEL contains a product giving it a bitter taste.

Max. permitted dilution: 2.5 volumes of water to one volume of concentrated CHAUFFAGEL.

| Characteristics | Standards | Units | Values |
|--------------------------------|-------------|-------|--------|
| Colour | Visual | - | Yellow |
| Density at 20°C | R15-602-1 | kg/m3 | 1125 |
| Freezing (50/50 water mixture) | NF T 78-102 | °C | -35 |
| pH | NF T 78-103 | - | 8 |

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

Document ref.: X-03-DP-1503
Published: 07/04/2015

Technical data sheet