

TOPTHERM PROTECT 50

CONCENTRATED NON-TOXIC ANTI –FREEZE WITH SPECIFIC CORROSION AND ANTIBACTERIAL INHIBITORS FOR HEATING OR CONDITIONING SYSTEMS

Description

TOPTHERM PROTECT 50 is composed by propylene glycol (non-toxic), with specific bacterial and corrosion inhibitors able to prevent corrosive attacks typical of water/glycol solution, apart from those of water, in multi metal, closed-recirculated, hot and/or cold circuits. The product is cathode and anodic type, with neutral pH. It is compatible also for system made of aluminium.

- Anti-freeze protection;
- Anti-corrosion protection, due to the presence of effective inhibitors on multi metal systems;
- Presence of polymeric dispersants which maintain the surfaces clean by avoiding deposits formation of whatever nature;
- Non-toxic product, propylene glycol based, not classified as hazardous substance, despite all similar products which are ethylene glycol based.

How to use

Add **TOPTHERM PROTECT 50** to cleaned systems, which doesn't contain organic nor inorganic deposits, thus possibly new or restored. Mix the product with water (even partially) before administration, in order to have a correct concentration of the product inside the system. Anti-freeze protection will vary accordingly to the dilution with water, as shown in the scheme below. However, it is recommended to check the product concentration inside the system after 1 hour of circulation using a densimeter or a refractometer specific for the purpose. The inhibitor which composes the product could grant a full protection up to 5 years and will keep unaltered the glycol properties, if used at normal conditions. Every year, check the anti-freeze protection and the remaining quantity of inhibitor using the P-TEST. If necessary, replenish with **TOPTHERM PROTECT 50** or adding the inhibitor TOPTHERM PROTECT 1 o avoid corrosive phenomena and/or glycol decomposition.

Anti-freeze protection – product %

Freezing temperature C°	-5	-10	-15	-20	-25	-30
% TOPTHERM PROTECT 50	16	26	34	40	44	48

Physical and chemical properties:

Aspect: colourless - straw yellow liquid
pH: about 7

Environmental and safety information

For more details about a safe manipulation and storage of the product, refer to TOPTHERM PROTECT 50 MSDS.

Available package

5 and 20 kg cans

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