



Product information

Drinkingwater antifreeze concentrated NSF-H1



Drinking water, anti-freeze mixed with the appropriate amount of water - is a multi-functional heat transfer fluid based on USP / EP mono propylene glycol. It prevents freezing include the drinking water system, water tank, water pipes and toilet during the winter and is effective to -50_C.

Applications

Use for all tanks of boats, caravans, mobile toilets etc. It prevents the formation of scale deposits and affected rubbers, plastics and metals not. Is non-toxic and readily biodegradable. Instructions: After use, the tank and pipes thoroughly rinsing with tap water before use.

Compatibility and miscibility

Zitrec FC is compatible with most other heat transfer fluids based on propylene glycol. The exclusive use of Zitrec FC is recommended for optimum corrosion protection. For dilution during this process to avoid any contamination, we also offer ready-to-use dilutions. Contact us for more information. Zitrec FC should only be diluted with clear, colorless and odorless water that meet the following requirements:

Total hardness: max 2.8 ° dH (German hardness degrees)

Chlorides (Cl⁻): max 50 mg / l

Iron and copper concentration: max 0.5 mg / l

Electrical conductivity: max 10 mS / cm

pH at 20 ° C: 5 - 7

Storage

Ambient temperatures above 35 ° C and exposure to direct sunlight should be avoided. As with any refrigerant is the use of galvanized steel is not recommended for pipes, piping and other parts of the storage / mixing plant.

Toxicity and safety

Zitrec FC consists of 100% FDA approved materials for use in heat transfer fluids with incidental food contact. Zitrec FC conforms to the requirements of the NSF Nonfood Compounds Registration Program, and is listed in the NSF White Book Listing of Nonfood Compounds (www.nsf.org registration number 136845), in category HT1 - Heat Transfer Fluids with incidental food contact .

Neither the concentrated product Zitrec FC, nor any dilution, has been Classifieds

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following the EU Dangerous Preparations Directive. The transport is not

ADR-subject. For detailed information on toxicity and safety refer to the datasheet.

The use of non-inhibited MPG as heat transfer fluid could cause corrosion problems in the installation guide, result in higher maintenance costs, lower reliability and general loss of efficiency. Zitrec FC protects the metals and alloys in your installation against corrosion. The combination of a native low toxicity with FDA approved materials and high corrosion protection, makes Zitrec FC of unique product on the market. Similar products here offer insufficient protection on aluminum and copper. Given the frequent use of copper in the food, makes the excellent protection of copper by Zitrec FC, this truly a remarkable product. Anti-corrosion performance can be demonstrated through standardized and specific corrosion tests.

Dilution vol %	Freezingpoint °C	Dilution vol %	Freezingpoint °C
31,6	-15	49,3	-35
37,3	-20	52,2	-40
42	-25	54,7	-45
46	-30	57	-50

Article nr 83655
contens 5 ltr

Article nr 83682
contens 25 ltr