Drinking water antifreeze concentrated NSF-HT1

NSF Reg. No. 136845
Category Code: HT 1

Drinking water antifreeze – mixed with the right amount of water – is a multifunctional refrigerant based on USP/EP mono-propylene glycol. It prevents freezing of, among other things, the drinking water system, water tank, water pipes, and toilet during winter storage and is effective until .-50°C

Applications

Can be used for all water tanks of boats, caravans, mobile toilets, etc. It prevents the formation of limescale deposits and does not affect rubbers, plastics, and metals. Is non-toxic and well biodegradable.

Manual

Before use, flush the tank and pipes well with tap water.

Compatibility and miscibility

Drinking water antifreeze is compatible with most other refrigerants based on propylene glycol. Exclusive use is recommended for optimal corrosion protection. **Drinking water Antifreeze** should only be diluted with clear, colorless, and odorless demineralized water that meets the following requirements

Total hardness:	max. 2,8 °dH (Duitse hardheidsgraden)	
Chlorides (Cl-) :	max. 50 mg/l	
Iron and copper concentration:	max 0.5 mg/l	
Electrical conductivity:	max 10 µS/cm	pH bij 20°C: 5 – 7

Storage

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

Toxicity and safety

Heat Transfer Fluid consists of 100% FDA-approved raw materials for use in refrigerants with occasional feeding contact. **Drinking water antifreeze** complies with 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.

Drinking water antifreeze protects the metals and alloys in
your installation against corrosion. The combination of low toxicity with FDA-approved raw materials and high corrosion protection makes **Drinking water antifreeze** a unique product on the market. Similar products do not offer sufficient protection on aluminum and copper here. Given the frequent use of copper in the food industry, the excellent protection of copper by Drinking water antifreeze makes this a very suitable product.

OCD Nederland BV
Maxwellstraat 41 - 3316GP Dordrecht - Postbus 9024 - 3301 AA Dordrecht
Tel (078) 6512322 - Fax (078) 6174848 - email: support@bardahl.nl - website: www.bardahl.nl

Mixing tab

Dilution Vol%	Freezing point °C	Dilution Vol%	Freezing point °C
31.6	-15	49.3	-35
37.3	-20	52.2	-40
42.0	-25	54.7	-45
46.0	-30	57.0	-50

Article number 83655
Contents 5 liter

Article number 83682
Contents 20 liter

Article number 83692
Contents 205 liter

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