

ANTIFREEZE

Ethylene Glycol, Antifreeze Compound for Cooling Water Systems

Technical Information

Physical Data

Appearance:	Clear blue liquid
In aqueous solution:	Clear liquid with no deposits
Density at 20°C:	1.120
Water Content:	Less than 2.5 %
Flash Point:	47°C
Boiling Point:	135.6°C
Water Solubility:	Complete

Description

Uniservice Unisafe ANTIFREEZE is an antifreeze compound based on ethylene glycol, designed for use in cooling water systems. It is compatible with NCLT, COLORCOOLING and corrosion inhibitors.

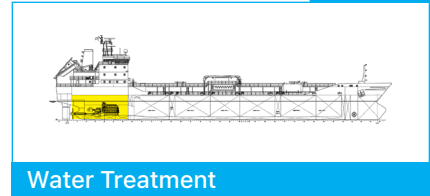
Specifications

- ▶ Freezing Point (°C) - ASTM D 1177
 - 50% volume in distilled water: - 39°C
 - 33% volume in distilled water: - 20°C
 - 25% volume in distilled water: - 13°C
- ▶ pH - ASTM D 1287
 - 50% volume in distilled water: 7.4
 - 33% volume in distilled water: 7.7
 - 25% volume in distilled water: 7.9
- ▶ Alkaline Reserve (ml HCl 0.1) - ASTM D 1121
 - Less than 13

Dosage and Characteristics of the ANTIFREEZE in Aqueous Solution

ANTIFREEZE (Vol. %)	FREEZING POINT °F	FREEZING POINT °C
0	32.0	0.0
20	15.9	- 8.9
35	- 4.5	- 20.3
45	- 23.9	- 31.1
60	< - 55.0	< -49.0
80	- 34.5	- 36.9
100	- 3.0	-19.4

USAGE AREAS



PACKAGING



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Safety and Environment (HSE)

Uniservice Unisafe Srl have carefully developed their products to minimize the safety risks and environmental impact of using their products. However, Uniservice advises that, prior to using its products, users should read in detail the accompanying Safety Data Sheet and ensure that its products are applied within the required HSE regulations of the country in which the user operates. Best practice and safety requirements should be followed which will likely include method statements and risk assessments, together with any specific requirements of the user's own company HSE requirements.

Important Notice

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk. Product images are for reference purposes only.

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