

# ANTIFREEZE

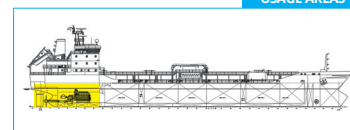
## Ethylene Glycol, Antifreeze Compound for Cooling Water Systems

### Technical Information

#### PHYSICAL DATA

Appearance:	Clear liquid, uncolored
In aqueous solution:	Clear liquid no deposits
Density at 20°C.:	1.120
Water contents:	less 2.5
Flash Point:	47°C
Boiling point:	135,6 C°.
Water solubility:	Complete

#### USAGE AREAS



#### DESCRIPTION

Antifreeze compound, ethylene glycol based, to be used in cooling water system. Uniservice Unisafe ANTIFREEZE is compatible with NCLT, COLORCOOLING and ANTICORR corrosion inhibitor.

#### 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 less 13	ASTM D 1121

(follow)

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## DOSAGE AND CHARACTERISTICS OF THE ANTIFREEZE IN AQUEOUS SOLUTION

% ANTIFREEZE WEIGHT Kg	VOLUME LTRS	DENSITY 20/20°C	FREEZING POINT °C	BOILING POINT 760mm °C
0	0,0	1.000	0	100
20	9,1	1.013	-3.5	101,1
35	18,4	1.027	-8	102,2
45	28,8	1.040	-15	103,3
60	37,8	1.057	-24	104,9
80	47,8	1.067	-38	107,2
100	58,0	1.079	-50	109,9

## IMPORTANT NOTICE

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