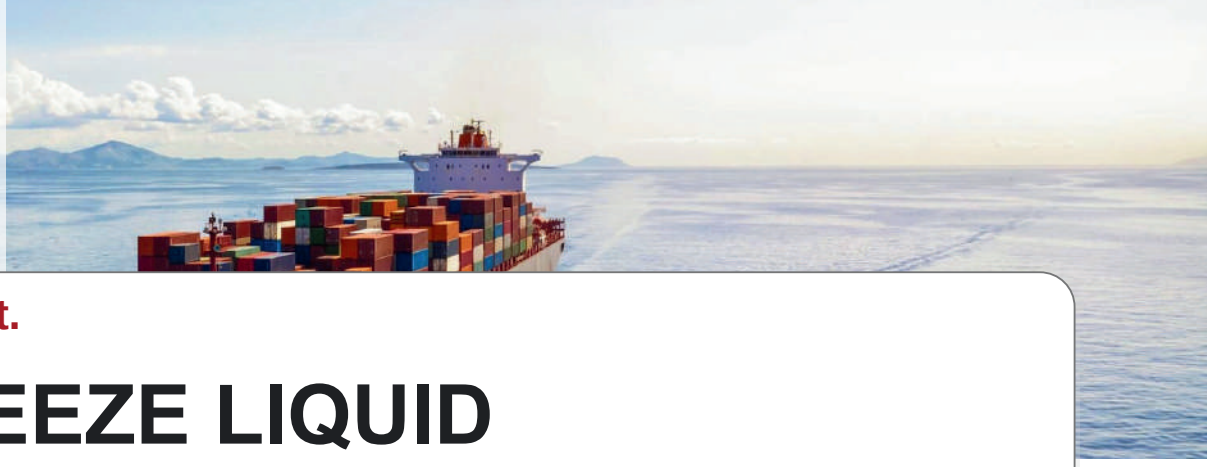
SHERAN CHEMICALS



Water Treatment.

ANTIFREEZE LIQUID

Ethylene Glycol-Based Coolant for Freeze Protection, Heat Transfer & Cooling System Reliability.

DESCRIPTION & APPLICATIONS:

A mono-ethylene glycol based coolant concentrate formulated to provide freeze protection, heat transfer efficiency, and cooling system reliability in marine, industrial, and automotive applications. When mixed with water, it lowers the freezing point of the coolant while maintaining efficient heat transfer throughout the system.

The formulation provides excellent compatibility with ferrous and non-ferrous metals commonly found in modern cooling systems, including cast iron, steel, copper, brass, and aluminium components. Its low-foaming properties and excellent hard water stability help maintain efficient coolant circulation and long-term system performance. When used in conjunction with NCLT PLUS, enhanced protection against corrosion, scale formation, cavitation, and cooling system deterioration can be achieved.

FEATURES & BENEFITS:

- Mono-ethylene glycol based coolant concentrate
- Provides freeze protection for cooling and heat transfer systems
- Maintains efficient heat transfer and coolant circulation
- Excellent compatibility with cast iron, steel, copper, brass and aluminium components
- Stable in hard water conditions without sludge formation
- Free from silicates, phosphates, amines and other unwanted mineral salts
- Excellent protection for aluminium cylinder heads and light alloy components
- Will not damage hoses, seals, gaskets, packing or glands
- Low-foaming characteristics for improved circulation
- Suitable for year-round operation

DOSAGE & APPLICATION:

ANTIFREEZE LIQUID should be diluted with good quality make-up water before use. Demineralized, RO, or soft water is recommended wherever possible.

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Manufacturing & Sales: Fujairah, UAE | Athens, Greece

Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

ProcureShip SHIPSERV ISO 9001:2015 COMPANY

PS ID: 14754 TN-315946

Recommended Dilution Ratios

Freeze Protection	Product	Water
-5°C	1 Part	3 Parts
-10°C	1 Part	2 Parts
-20°C	1 Part	1 Part
-40°C	Use Neat	No Dilution

Application Guidelines:

Parameter	Recommended Practice
Dilution Water	Soft / RO / Demineralized Water Preferred
System Type	Closed Cooling Systems
Dosing Method	Fill During Initial Charging
Make-Up	Maintain Original Dilution Ratio
Monitoring	Check Freeze Protection Annually

CONTROL & MONITORING:

Regular monitoring of coolant concentration, pH, and system condition is recommended to ensure continued freeze protection and optimum cooling system performance. For complete corrosion and scale protection, ANTIFREEZE LIQUID may be used in conjunction with NCLT PLUS, in accordance with system requirements.

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear Liquid
Colour	Blue / Green (as manufactured)
Odour	Mild
Base Fluid	Mono-Ethylene Glycol
pH (50% Solution)	7.5 - 10.0
Specific Gravity @ 25°C	1.10 - 1.15
Solubility	Completely Miscible in Water
Foaming Characteristics	Low Foaming
Form	Liquid

COMPATABILITY:

- Suitable for internal combustion engine cooling systems
- Suitable for industrial heat transfer systems
- Compatible with cast iron, steel and aluminum cooling systems

SHELF LIFE:

24 Months from the date of manufacture when stored under recommended conditions.

STORAGE & HANDLING:

Store in tightly sealed original containers in a cool, dry, and well-ventilated area away from direct sunlight.

STANDARD PACKAGING:

- 25 L HDPE Cans
- 200 L HDPE Drums

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