



## RISCO COOLANT-50%

## TECHNICAL DATA SHEET

## ANTI FREEZE COOLANT

### Product information:

RISCO COOLANT is a Antifreeze Coolant specially formulated with a blend of Corrosion Inhibitors, Preservatives along with Glycol. These additives will work synergistically to protect all gasoline and diesel engines from damage caused by heat, Cold and corrosion. RISCO COOLANT is suitable for passenger cars, Light trucks, heavy duty vehicles, Transport vehicles, Marine vehicles, Earthmoving vehicles, Mining vehicles, Forklifts, Diesel generators etc.,

RISCO COOLANT has been specifically formulated to perform to the international standard ASTM D 3306 Specification - "Standard specification for Glycol base engine coolant for auto mobile and light duty service". This product is available in 33% & 50% glycol concentrations.

### Product Highlights:

- RISCO COOLANT prevent foam build up from occurring in vehicle engines.
- RISCO COOLANT prevents deposits in radiator tube, solder bloom in vehicle engines.
- RISCO COOLANT is specially formulated with a blend of Corrosion Inhibitors & Preservatives, extending the life of heavy duty and light duty vehicles.
- RISCO COOLANT protects from corrosion in cooling systems containing metals such as copper, radiator solder, brass, steel, Cast iron and Aluminum.
- RISCO COOLANT is specially formulated and it is ready to use without any water or any additional additives.

### Typical Characteristics:

<u>Property</u>	<u>Values</u>
Appearance	Clear Liquid
Color	Blue/Pure Green/Neon Green color liquid
Density@ 25°C	1.0 – 1.10
AntiFreeze Glycol mass (%)	50%
pH	7.0 -9.5
Freezing point	-35°F
Boiling Point	107°C

**Manufactured By:**  
ALRAYA SPECIALTIES WATER TREATMENT FACTORY  
Telephone: 012-609 3197/98 Fax: 012-638 9453  
Email: coordinator@risco.sa  
38 Chamber of Commerce, Al-Khumra Dist., Jeddah, KSA.





### Key Features:

- Formulated as per ASTM D 3306 standards.
- Inhibits Rust, Corrosion and Pitting.

### Laboratory Test Results:

- RISCO COOLANT is formulated with DM water as advised by the standard specification of ASTM D3306 mentioned below.
- Laboratory Test Results from AL HOTA-STANGER (Jeddah, K.S.A), Test Reference. No: KHMAD2186-01(26-5-2019).

TEST PARAMETERS	UNITS	TEST RESULTS	Specification ASTM D 3306
pH value ASTM D 893	-----	7.8	7.5-11
Chloride, ASTM D 3634	ppm	21	25 max
Ash Content, ASTM D 1119	mass%	0.26	5 max
Reserve Alkalinity, ASTM D 1121	ml	0.4	-----
Freezing Point, ASTM D 1171	°C	Below -45	-37 max
Boiling point, ASTM D 1120	°C	110	107.8 min
Relative Density, ASTM D 1122	g/ml	1.0708	1.110 - 1.145
Water percentage, ASTM D 1123	mass %	40	-----

### HANDLING & STORAGE:

- Minimum 24 months in unopened container
- Store away from sunlight and preferably below 30°C

### HEALTH AND SAFETY:

**INHALATION:** Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

**EYE CONTACT:** Flush eyes with water for 15 minutes and call for medical help.

**SKIN CONTACT:** Flush with water or soap and water until all traces have been removed. Seek medical attention.

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