

## COOLANT / ANTIFREEZE

## CEPSA SUPER COOLANT

### DESCRIPTION

Antifreeze-Coolant manufactured with ethylene glycol and a modern package of low-toxicity and eco-friendly corrosion inhibitors of organic technology, which provides long life protection for all cooling system components of the internal. It does not contain amines, nitrites, phosphates, silicates or borates

### PRODUCT APPLICATIONS

- As antifreeze/coolant in internal combustion engines.
- Ready mix products 35% and 50
- The Pure product must be diluted with deionized water in the appropriate proportion to achieve the necessary protection.
- Before adding the antifreeze product, a preliminary cleaning of the cooling circuit is recommended.

### PRODUCT PERFORMANCE

- Excellent anti-corrosive protection for all metals and alloys in the circuit.
- Good anti-foam characteristics.
- High boiling point.
- Excellent antifreeze performance.
- Excellent behavior with seals and elastomers.
- Non depleting corrosion inhibitor technology offers free maintenance of the cooling system.
- For the SUPER COOLANT PURE the protection temperatures depending on the dilution are:

Super Coolant Pure Dilution (%)	Max. Protection temperature
33%	-19°C
40%	-27°C
50%	-37°C

### SPECIFICATION

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| <ul style="list-style-type: none"> <li>• UNE 26.361.88/1</li> <li>• JASO M325</li> <li>• MAZDA/MITSUBISHI</li> <li>• MAN 324 type SNF</li> <li>• CATERPILLAR</li> <li>• MTU MTL 5048</li> <li>• CHRYSLER MS-12106</li> </ul> | <ul style="list-style-type: none"> <li>• WÄRTSILÄ 32-9011</li> <li>• SAE J-1034</li> <li>• NATO S-759</li> <li>• MERCEDES 325.3</li> <li>• SCANIA</li> <li>• OMATSU</li> </ul> | <ul style="list-style-type: none"> <li>• ASTM D3306/D4656/D4985</li> <li>• VWTL 774 D/F(G-12+)</li> <li>• RENAULT 41-01-001S type D</li> <li>• VOLVO 128 6083/002</li> <li>• JOHN DEERE JDMH5</li> <li>• ULSTEIN-BERGEN</li> </ul> | <ul style="list-style-type: none"> <li>• OPEL/GM 6277M (+B040 1065)</li> <li>• FORD WSS-M97B44-D/E</li> <li>• TATA MOTORS</li> <li>• JENBACHER TA1000-0201</li> <li>• DEUTZ-MWM</li> <li>• BS 6580</li> </ul> |
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### TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA SUPER COOLANT		
			35%	50%	PURE
Appearance / Color	-	Visual	Transparent/ fluorescent violet		
Density at 20°C	Kg/l	ASTM D-4052	1,049	1,068	1,113
Boiling point	°C	ASTM D-1120	105	108	180
Freezing Point	°C	ASTM D-3321	-20	-37	-37 (diluted to 50%)
pH	-	ASTM D-1287	8,4	8,6	8.4 (diluted to 33%)
Reserve alkalinity at (pH 5.5)	ml 0.1N HCL	ASTM D-1121	2,1	3,0	6,0
Corrosion of metals	-	ASTM D-1384	OK	OK	OK

The typical values of the characteristics appearing in the table are average values given for guidance purposes. These values may be modified without any prior warning.

## HEALTH & SAFETY AND ENVIRONMENT

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Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.