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TECHNICAL PRODUCT SHEET

RADIATOR

DESCRIPTION

RADIATOR is a concentrated monoethylene glycol-based, inorganic technology coolant (antifreeze), containing no amines, nitrites or phosphates. It is suitable for both petrol and diesel engines. It provides protection against cold weather and summer heat, depending on its dilution in de-ionized water. It contains a well-balanced corrosion inhibitor and anti-foaming additives that provide effective protection to metallic surfaces of radiators made of different alloys, particularly to aluminum ones that are found in modern engines. It meets all European and most international standards. It mixes readily with water and is compatible with cooling system filters and supplemental additives.

APPLICATIONS

It is suitable for car radiators and other closed water circuits operating under extreme temperature conditions. When RADIATOR is diluted with water to a concentration of 50% by volume, the optimal protection against freezing, boiling and corrosion are achieved. Concentrations of less than 25% or greater than 70% are not recommended. RADIATOR should be used according to OEMs' recommendations.

Not to be used in drinking water systems.

SPECIFICATIONS

AFNOR NF R15-601
BS 6580:2010
ONORM V 5123
NATO S-759
SAE J1034
Meets:
VW Group TL-774C (G11)
MB 325.0

ASTM D3306, D4656, D4985
CUNA NC 956-16
FFV Heft R443
AS 2108
UNE 26361-88

MB/DBL 7700.20
MAN 324 NF

PROPERTIES

RADIATOR provides frost protection based on concentration, delivers superior corrosion resistance for multiple metals, ensures excellent heat-transfer performance for effective cooling without boiling, and remains fully compatible with plastics and rubber used in modern cooling systems.

APPLICATION TABLE

Antifreeze, % vol.	Protection down to...	Boiling Point, °C
33%	-16	104
40%	-23	106
50%	-37	108
60%	-50	110

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PHYSICAL-CHEMICAL CHARACTERISTICS

RADIATOR	METHOD	
Density at 20°C, g/cm^3	ASTM D5931	1.135
pH (33% v/v. solution)	ASTM D1287	8.2
Boiling point, °C	ASTM D1120	174
Color		Blue

The abovementioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.

HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).

USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

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Produced and Packaged in E.U.
cyclon-lpc.com

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