

TECHNICAL DATA SHEET

NASA Radiator Coolant Concentrate

SECTION 1: Product Description & Advantages

1.1 Product Description

NASA Radiator Coolant Concentrate is an ethylene glycol based concentrated anti-freeze coolant, which uses Organic Acid Technology and is free from nitrites, amines, phosphates, borates and silicates. This anti-freeze coolant enhances the life of your engine and boosts its efficiency to perform better. It is a dual performance product for the Automobiles and Generators that prevents overheating in summer and protects coolant from freezing in winter. Its special rust inhibitors protect the radiator from corrosion and rusted scales. It can be used in automobiles as well as heavy-duty diesel and gas generators. It's perfect for all metals, including aluminum radiators.

1.2 Advantages

1. High quality and high anti-corrosion additives technology to protect the coolant system.
2. Prevents radiator system from overheating.
3. Protects all vehicle metals.
4. Exceptional thermal stability eliminates the risk of deposits within the engine.
5. No effect on rubber hoses, plastic or original vehicle finishes.

1.3 Direction of Use

NASA Radiator Coolant Concentrate is a concentrated product and should be diluted for use with good-quality water. Distilled or Deionized water is recommended to be used for optimum performance. The freeze protection offered by the various dilutions is detailed in the table below:

Concentration (vol %)	H2O (vol %)	Freeze Protection (°C)
50	50	-37
40	60	-26
30	70	6

SECTION 2: Typical Data

Property	Method	Result
Color Available	VIS 000	Blue & Red & Green
Appearance	VIS 000	Clear
Solubility	VIS 000	Miscible With Water
Specific Gravity at 85 °F	ASTM D 4052	1.120
Equilibrium Boiling Point, °C	ASTM D 1120	166
pH	ASTM D 1287	7.85
50% Solution Freezing Point, °C	ASTM D 1177	-37



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