Technical Data Sheet

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MADIN RADIATOR FLUSH

Madin Radiator Flush is a cleaning and flushing solution for automotive radiators, suitable for all types of gasoline, diesel, and gas engines in both automotive and heavy industrial applications.

Madin Radiator Flush ensures thorough cleaning of the cooling system, regardless of the level of contamination.

- ✓ **Improves heat transfer, increasing radiator efficiency by 50-70%**
- ✓ **Removes rust, scale, limescale, decomposition products of anti-freeze, grease, and other contaminants.**
- ✓ **Eliminates localized cylinder overheating caused by clogs and scale buildup within the cooling system.**
- ✓ **Reduces the risk of engine overheating and "boiling" during high-intensity operations.**
- ✓ **Restores coolant circulation through clogged radiator tubes**.

Product Specifications

MADIN RADIATOR FLUSH® is a concentrated, viscous liquid, packaged in PP (Polypropylene) plastic bottles. The solution is colorless and transparent.

Ingredients: Citric acid, Trisodium phosphate, Distilled water, and other additives.

Instructions for use

Step 1: With the engine off and cool, completely drain the old coolant from the system.

Step 2: Dilute the concentrated solution with clean water. Depending on the level of scale buildup, use a dilution ratio from 1:4 to 1:10 by volume.

Step 3: Start the engine and let it run at idle with the heater on for 30 – 45 minutes.

Step 4: Drain the cleaning solution completely, then flush the system with water until the discharged liquid is clear and free of debris.

Step 5: Refill the cooling system with Madin Coolant.

PRECAUTIONS:

- ❖ Never open the radiator cap while the engine is hot.
- ❖ Dispose of waste fluids in accordance with local regulations.

Physical parameters

Characteristics	Specifications
Appearance	Colorless transparent liquid, with a mild characteristic odor.
Density at 20˚C	1.025 – 1.047 g/ml
Boiling Point	> 100°C
pH	2.0 – 3.0
Flammability	Non-flammable
Solubility in Water	Completely soluble
Stability	Stable under normal storage conditions

Storage and Handling

Storage Conditions: Store the solution in sealed PP plastic bottles. For best results, the product should be used within 1 year from the date of manufacture.

Environment: Keep in a cool, dry place, away from direct sunlight, at temperatures between 0 – 40°. Do not store near food storage areas to avoid accidental ingestion or confusion.

Safe

- Avoid contact with skin and eyes.
- Use only with adequate ventilation.
- Wash hands and exposed body parts thoroughly after handling the product.
- Safety Data Sheets (SDS) and relevant information are provided with each product batch. Please pay close attention to the necessary precautionary measures when handling chemicals

Note

The data given in this publication is based on our knowledge and experience. Due to the many factors that can affect the manufacturing process and application of the product, these data will not be valid for other investigations and tests, nor will it imply any assurance of substance, nor is it a standard measure of the product for a particular purpose. Any descriptions, drawings, images, data, proportions, weights etc.
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