

PowerCool Plus

Radiator Flush and Cleaning Solution



PowerCool Radiator Flush is an alkaline solution, formulated specifically to clean engine cooling systems in a short operating time (15 – 25 minutes of engine operating time). This product will remove scale, sludge and other contaminants after the drain of spent coolant.

PHYSICAL PROPERTIES:

Physical Description/Chemical Properties

Appearance	Brown Liquid
Odour	None
pH	> 11.5
Vapour Pressure (mmHg @ 20°C)	Not Available
Vapour Density (air = 1)	Not Available
Boiling Point (°C)	100 approx.
Freezing/Melting Point (°C)	0 approx.
Solubility in Water	Soluble in Water
Specific Gravity (g/ml @ 15°C)	Not Available
Flashpoint (°C)	Not Applicable
Fammability Limits (%)	Not Applicable
Auto Ignition Temperature (°C)	Not Available

FEATURES & BENEFITS:

- Alkaline solution, therefore non-acidic
- Brown liquid. Different from coolant colours
- Fast acting cleaner (15-25 minutes of engine operation time)
- Effective in removing scale build up, sludge, and other contaminants
- Safe to use. However must be thoroughly flushed after use.
Ready to use, and does not require premixing
- Neutralises acid build up
- Cost effective cleaning agent

LONG-LIFE HEAVY-DUTY COOLANTS



PowerCool Plus

Radiator Flush and Cleaning Solution

The logo for PowerCool, with "POWER" in red and "COOL" in black, both in a bold, italicized font.

Directions for Use:

Engine should be left to cool down prior to removing radiator cap, to reduce build up pressure, and excessive temperature.

- Turn on the heater and add required amount of PowerCool Radiator Flush to a warm radiator
- Run the engine for 25 minutes minimum (no longer than 1 hour). Stop the engine and allow it to cool
- Drain the system by removing the bottom radiator hose or opening the drain cock. Thoroughly flush and rinse out all old coolant. Replace the hose or close the drain cock
- Add water based or glycol based (premixed) coolant
- Start the engine, check for leaks and top up as necessary
- Topping up of coolant should be done with the same type of coolant

Application Rates:

- Light commercial vehicles: For every 8-10L of cooling system capacity add 300ml of flush and fill up cooling system capacity with water
- Trucks, tractors and large engines: For every 6L of cooling system capacity add 1 bottle of flush and fill up cooling system capacity with water

Warning:

Never mix brands of radiator products and never under-treat with radiator products.

First Aid Directions:

For advice contact the Poisons Information Centre (Ph. Australia 131 126; New Zealand 0800 764 766) or a doctor (at once). If swallowed, do NOT induce vomiting. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor or for at least 15 minutes. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor. Not to be used as a food container.

**For more information on PowerCool for your application
please contact Penske Power Systems on 1300 688 338**

Notice: This product is shipped in compliance with applicable laws and regulations regarding classification, packaging, shipping and handling. The performance and physical property data described for this product is typical results not sale specifications, except where maximum or minimum is indicated. Refer to Material Safety Data Sheets for further information.

Because use conditions and applicable laws may differ from one location to another and may change with time, the customer is responsible for determining whether product and the information in this document are appropriate for their use and for ensuring that their workplace and disposal practices are in compliance with applicable laws and other governmental enactments. PowerCool Radiator Flush's warranty is limited to the claims of product meeting stated performance specifications. It is the responsibility of the end-user to determine product suitability as recommended in the owner's manual and to follow engine manufacturer's instructions.

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The Penske logo, featuring the word "PENSKE" in red inside a black-bordered rounded rectangle, with "Power Systems" in a smaller, italicized font below it.