



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Prestone Command Radiator Flush & Oil Remover**
Product Code: HD100
Product Use: Command Flush & Degreaser
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Filpro Automotive NZ Ltd**
Address: 40 Firth St Drury
Auckland
Telephone: +64 9 2946752
Fax Number: +64 9 2946751

Emergency Telephone: 0800 764 766 (National Poison Centre)

Manufacturer: Prestone Corp
Address: 39 Old Ridgebury Road
Danbury, CT 06810-5109, USA
Inquires: 001 203 830 7800

Date of SDS Preparation: 02 August 2017

Section 2. Hazards Identification

This substance is NOT hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

EPA Approval No: HSR006710 Non Hazardous Diluent

Pictograms



Irritant

Signal Word: Warning

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.3B	H316	Causes mild skin irritation.	Category 3
6.4A	H320	Causes eye irritation.	Category 2B

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.

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P280	Wear protective gloves, protective clothing, and eye protection.
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Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use CO ₂ , dry powder, chemical foam for extinction.

Storage Code	Storage Statement
P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Sodium Citrate	5-20	68-04-2
Nonionic Surfactant	1-5%	Proprietary
Non-hazardous ingredients	balance	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Get immediate medical advice.
If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: get medical advice/attention.
If Swallowed	Rinse mouth. DO NOT induce vomiting. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Immediately call a POISON CENTER (0800 764 766) or a doctor/physician.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Product is not likely to be combustible
Hazards from combustion products	None known.
Suitable Extinguishing media	Use CO ₂ , dry powder, or chemical foam for extinction. Always choose fire-extinguishing media appropriate for surrounding materials.
Precautions for firefighters and special protective clothing	Wear full protective gear.

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Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel.

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

Do not contaminate water sources or sewer. Dispose of according to Local Regulations.

Section 7. Handling and Storage**Precautions for Handling:**

- Read label before use.
- Keep container tightly closed.
- Avoid release to the environment.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children
- Store above freezing.

Section 8 Exposure Controls / Personal Protection**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents.* The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls

Ensure adequate ventilation is available.

Personal Protection

Eyes	Wear goggles with side shields. Avoid wearing contact lenses.
Hands and Skin	Use suitable protective gloves if risk of skin contact. EN374 Rubber gloves are recommended.
Respiratory	If ventilation is poor, use appropriate cartridge respirator.

Section 9 Physical and Chemical Properties

Appearance	Green liquid
Odour	Sweet Fragrance
Odour Threshold	Not applicable
pH	9 – 10
Boiling Point	102 C
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	Not available
Flammability	Unlikely To Be Combustible
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	Not applicable

Vapour Density	Not applicable
Relative Density	1.0658
Solubilities	Complete
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Conditions to Avoid	Not applicable
Incompatible Materials	Strong acids & oxidizing agents
Hazardous Decomposition Products	None known.

Section 11 Toxicological Information

Acute Effects:

Swallowed	May cause discomfort
Inhalation	Unlikely may cause discomfort
Eye	Causes severe eye irritation.
Skin	Causes mild skin irritation.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method:

Precautions: Dispose of waste according to Local regulations. Collected spillage and unused product must be placed in a sealable waste container for disposal through a disposal company.

Disposal methods to avoid: Do not allow product to enter sewers, streams, or waterways

Section 14 Transport Information

This product is NOT classified as a Dangerous Good in NZ ; NZS 5433:2012

UN Number UN3082 Environmentally hazardous liquid , NOS

Hazard Class 9

Packing Group III

Section 15 Regulatory Information

EPA Approval Code: **HSR006710 Non Hazardous Diluent**

HSNO Classification: None allocated

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	Additive, Process Chemical, or Raw Material only

Section 16 Other Information**Glossary**

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit
AWC	Aggregate water capacity

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

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