

SAFETY DATA SHEET (SDS)




Cleanawerx Australia Pty Ltd

Product: CFS RADIATOR FLUSH

SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier	<i>Cleanawerx Australia Pty Ltd</i>		
Address	P.O. Box 599 Paradise Point QLD 4216		
Trade name	CFS RADIATOR FLUSH		
Telephone	0449 266 673	Email:	info@cleanawerx.com.au
Ah emergency telephone	13 11 26 in Australia	ABN:	501 912 712 84
Substance	Liquid	Product Use:	Radiator Flush
Creation date	November 2016	Revision Date:	November 2021
Product code	CFSR		

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture	
Poisons Schedule	S5
Dangerous Goods	Not classified as Dangerous Goods
GHS Classification	<ul style="list-style-type: none"> • Eye Damage/Irritation Category 2A • Skin Corrosion/Irritation Category 2
Label elements	
GHS label pictograms	
Signal word	WARNING
Hazard statement(s)	
	Causes skin irritation.
	Causes serious eye irritation.
Precautionary statement(s): General	
	Keep out of reach of children.
	Read label before use.
Precautionary statement(s): Prevention	
	If medical advice is needed, have product container or label at hand.
	Wash skin thoroughly after handling.
	Wear protective gloves/protective clothing/eye protection/ face protection.
Precautionary statement(s): Response	
	IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs; get medical advice. Take off contaminated clothing and wash before reuse.

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists; get medical advice/attention.

Note

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Sodium hydroxide	1310-73-2	0 – 2%
Ingredients determined not to be hazardous, including water		Balance

SECTION 4 – FIRST AID MEASURES

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
Skin contact	Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.
Ingestion	Do NOT induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
First Aid Facilities	Eyewash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

SECTION 5 – FIRE FIGHTING MEASURES

Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes and gases including oxides of carbon, phosphorus and nitrogen.
Extinguishing Media	Use water spray, foam, carbon dioxide or dry chemical powder.
Specific Hazards Arising from the Chemical	Non-combustible liquid.
Fire Fighting	Fire fighters should wear self-contained breathing apparatus operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat exposed containers.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible, contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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SECTION 7 – HANDLING AND STORAGE

Handling	Use only in a well-ventilated area. Keep containers sealed when not in use. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
Storage	Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limit Values	No exposure standards have been established for this material by Safe Work, Australia.
Biological Limit Values	No biological limits allocated.
Appropriate Engineering Controls	Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used.
Eye Protection 	Safety glasses with side shields may be considered. Final choice of appropriate eye/face protection will vary according to individual circumstances.
Hand Protection 	Wear gloves of impervious material such as nitrile or PVC. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken.
Body Protection 	Suitable protective work wear is recommended. Chemical resistant apron is recommended where large quantities are handled.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Colour	Clear
Odour	Slight	Boiling Point	Not available

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Water Solubility	Soluble	Specific Gravity	1.00 – 1.02
pH	11 – 13	Vapour Pressure	Not available
Vapour Density	Not available	Evaporation Rate	Not available
Viscosity	Water thin	Flash Point	Not applicable
Flammability	Non-combustible, Non-flammable liquid	Auto-Ignition Temperature	Not applicable
Flammable Limits - Lower	Not applicable	Flammable Limits – Upper	Not applicable

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatibilities	Strong acids and strong oxidising agents.
Hazardous Decomposition	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon dioxide and oxides of phosphorus and nitrogen.
Possibility of Hazardous Reactions	Reaction with acids will generate heat.
Hazardous Polymerization	Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS	
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Skin contact	Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
Eye contact	Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision and redness.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Respiratory Sensitisations	Not expected to be a respiratory sensitizer.
Germ Cell Mutagenicity	Not considered to be a mutagenic hazard.
Carcinogenicity	Not considered to be a carcinogenic hazard.
STOT-Single Exposure	Not expected to cause toxicity to a specific target organ.
STOT-Repeated Exposure	Not expected to cause toxicity to a specific target organ through repeated or prolonged exposure.
Aspiration Hazard	Not expected to be an aspiration hazard.

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SECTION 12 – ECOLOGICAL INFORMATION

Eco-toxicity Product (as sold)	The product is moderately alkaline. If large spills occurred a water pH rise could be responsible for an environmental effect on aquatic organisms. Prevent this material entering waterways, drains and sewers.
Persistence and Degradability	Surfactants are not considered to be readily biodegradable to AS4351.
Bioaccumulative Potential	Not available.
Mobility in soil	Not available.

SECTION 13 – DISPOSAL CONSIDERATIONS

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

SECTION 14 – TRANSPORT INFORMATION

Labels Required	
Australian Road & Rail Transport	Not classified as Dangerous Goods. (ADG Code)
Marine Transport	Not classified as Dangerous Goods. (IMDG Code)
Air Transport	Not classified as Dangerous Goods. (IATA Code)
UN Number	None allocated.
UN Proper Shipping Name	None allocated.
Transport Hazard Class(es)	None allocated.
IMDG Marine Pollutant	No.

SECTION 15 – REGULATORY INFORMATION

Poisons Schedule	S5
AICS	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

SECTION 16 – OTHER INFORMATION

Issue Date	1 st November 2016
Version Number	V #1.0 Initial GHS CLASSIFICATION.
Disclaimer	<p>DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.</p> <p>The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but</p>

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is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

End of SDS