

SAFETY DATA SHEET (SDS)




Cleanawerx Australia Pty Ltd

Product: **CFS-HDD Heavy Duty Degreaser Concentrate**

SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier	Cleanawerx Australia Pty Ltd		
Address	P.O. Box 599 Paradise Point QLD 4216		
Trade name	CFS-HDD Heavy Duty Degreaser Concentrate		
Telephone	0449 266 673	Email:	info@cleanawerx.com.au
Emergency telephone	13 11 26 in Australia	ABN:	501 912 712 84
Substance	Water Based	Product Use:	Degreaser
Creation date	APRIL 2021	Revision Date:	APRIL 2026
Product code	CFS-HDD		

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture	
Safework Australia Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations. Australia.
Poisons Schedule	S6
ADG Code	Classified as Dangerous Goods according to the Australian Code of the Transport of Dangerous Goods by Road and Rail.
GHS Classification	Corrosive to Metals: Category 1 Eye Damage/Irritation: Category 1 Skin Corrosion/Irritation: Category 1A
Label elements	
GHS label pictograms	Corrosion 
Signal word	DANGER
Hazard statement(s)	
	May be corrosive to metals.
	Causes severe skin burns and eye damage.
	Causes serious eye damage.

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Precautionary statement(s): Prevention

- Keep only in original container.
- Do not breathe dust/fumes/gas/mist/vapours/spray.
- Wash contaminated skin thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement(s): Response

- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- Wash contaminated clothing before reuse.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or doctor/physician.
- Absorb spillage to prevent material damage.

Precautionary statement(s): Storage

- Store locked up.
- Store in corrosive resistant container with a resistant inner liner.

Precautionary statement(s): Disposal

- Dispose of contents/container to an approved waster facility.

Note

IMPORTANT This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. When diluted to 1:10 or greater they no longer apply. However, good hygiene and housekeeping practices should be adhered to.

EMERGENCY OVERVIEW

Appearance	Yellow liquid	Odour	Characteristic
Solubility in Water	Miscible with water.	Specific Gravity	1.07 – 1.09 @ 20 °C
pH	>13	Flash Point	Not applicable

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SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Potassium Hydroxide	1310-58-3	0-10%
Ingredients determined to be non-hazardous at the formulation concentration		to 100%

NOTE: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 4th edition United Nations 2011. Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

SECTION 4 – FIRST AID MEASURES

First Aid Measures	For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.
Inhalation	Remove victim from area of exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible, either on site or at the nearest hospital.
Ingestion	Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.
Skin	If spilt on large areas of skin or hair, immediately drench with running water and remove clothing. Continue to wash skin and hair with plenty of water (and soap if material is insoluble) until advised to stop by the Poisons Information Centre or a doctor.
Eye Contact	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.
Advice to Doctor	Treat symptomatically. Can cause corneal burns. Can cause skin burns. Material is strongly alkaline and corrosive.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Not combustible, however, if material is involved in a fire use: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).
Specific Methods	Not combustible, however following evaporation of aqueous component residual material can decompose if involved in a fire, emitting toxic fumes. Contact with metals may liberate hydrogen

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	gas which is extremely flammable. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.
Specific Hazards Arising from the Chemical	Non-combustible material.
Hazchem Code	2R

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	<ul style="list-style-type: none">• Clear area of all unprotected personnel.• Slippery when spilt.• Avoid accidents, clean up immediately.• Wear protective equipment to prevent skin and eye contact and breathing in vapours.• Work up wind or increase ventilation.• Contain – prevent run off into drains and waterways.• Use absorbent (soil, sand or other inert material).• Collect and seal in properly labelled containers or drums for disposal.• Caution – heat may be evolved on contact with water.• If contamination of sewers or waterways has occurred, advise local emergency services.
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SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling	Avoid skin and eye contact and breathing in vapour, mists and aerosols.
Conditions for Safe Storage, Including any Incompatibilities	<ul style="list-style-type: none">• Store in cool place and out of direct sunlight.• Store away from incompatible materials described in Section 10.• Store away from foodstuffs.• Do not store in aluminium or galvanised containers nor use die-cast zinc or aluminium bungs; plastic bungs should be used.• At temperature greater than 40°C, tanks must be stress relieved.• Keep containers closed when not in use – check regularly for leaks.
Other information	This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limit Values	OCCUPATIONAL EXPOSURE LIMITS No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):
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	<p>Potassium hydroxide: Peak Limitation = 2mg/m³</p> <p>As published by the National Occupational Health and Safety Commission.</p> <p>Peak Limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.</p> <p>These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentration of chemicals. They are not a measure of relative toxicity.</p>
Appropriate Engineering Controls	Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. If inhalation risk exists: Use with local exhaust ventilation or while wearing suitable mist respirator. Keep containers closed when not in use.
Personal Protective Equipment	Wear overalls, face shield, elbow-length impervious gloves, splash apron and rubber boots. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. If risk of inhalation exists, wear suitable mist respirator meeting the requirement of AS/NZS 1715 and AS/NZS 1716.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow liquid	Odour	Characteristic
Solubility in Water	Miscible with water.	Specific Gravity	1.07-1.09 @ 20 °C
pH	>13	Flash Point	Not applicable.

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Reacts violently with acids. Reacts exothermically on dilution with water. Incompatible with aluminium, ammonium salts, tin and zinc.
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SECTION 11 – TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract. Swallowing can result in chemical burns to the mouth, throat and abdomen; perforation of the gastrointestinal tract and vomiting of blood and eroded tissue. Death may occur if large amounts are ingested.
Inhalation	Breathing in mists or aerosols may produce respiratory irritation.
Skin	Corrosive to skin – may cause skin burns.

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Eye	Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury.
Chronic Effects	No information available for the product.

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Information	Avoid contaminating waterways. Expected to be harmful to aquatic organisms due to high pH.
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SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Considerations	Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.
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SECTION 14 – TRANSPORT INFORMATION

U.N. Number	1719	UN Proper Shipping Name	CAUSTIC ALKALI LIQUID, N.O.S. contains Potassium Hydroxide
Transport Hazard Class(es)	8	Packing Group	II
Hazchem Code	2R	IERG Number	37

SECTION 15 – REGULATORY INFORMATION

Poisons Schedule	S6
Australia (AICS)	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

SECTION 16 – OTHER INFORMATION

Other Information	
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Issue No: 4

Reason for revision: Updated to GHS requirements.

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.

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

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End of SDS
