

DegreaselT

1: Identification of the Material and Supplier

Product Identifier	DegreaselT		
Other Means of Identification	DEGREASEIT.NRB (1000L)		
Recommended Use	Water-based quick breaking degreaser		
Restrictions on Use	Use only as directed on the product label.		
Supplier	Organisation	Location	Contact Information
	Chemform	7 Kirke St	Phone: 1300 415 278
	ABN: 50 008 905 119	Balcatta WA 6021	Fax: (08) 9344 4360
		Australia	E-Mail: admin@chemform.com.au
			Web: www.chemform.com.au
Emergency Phone Number	Poisons Information Centre (Australia) 13 11 26		

2: Hazard(s) Identification

Classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) of Safe Work Australia and classified as a non-dangerous good according to the Australian Dangerous Goods Code.

When diluted with water, at the recommended dilution rates, the diluted product is classified as non-hazardous.

GHS Classification	Skin irritation (category 2) Eye damage (category 1)
Signal Word	Danger
Pictogram(s)	
Hazard Statement(s)	H315 Causes skin irritation. H318 Causes serious eye damage.
Precautionary Statement(s) – Prevention	P264 Wash hands and exposed skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves, protective clothing, eye protection and face protection.
Precautionary Statement(s) –	P302+P352 IF ON SKIN: Wash with plenty of water.

Response	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTRE or doctor. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Precautionary Statement(s) – Storage	No storage statement is allocated for this classification. Refer to Section 7.
Precautionary Statement(s) – Disposal	P501 Dispose of contents and container in accordance with local, State and Federal regulations.
Other Hazards	The product is strongly alkaline, with a pH of 12.0 to 13.0 as supplied. Prolonged or repeated skin contact, and contact under occlusion (for example beneath gloves, watch straps or wet clothing), may produce more severe effects than the Category 2 skin irritation classification alone would suggest. Minimise skin contact and remove wetted clothing promptly. The product may attack aluminium, galvanised steel, zinc, tin and their alloys, with possible evolution of flammable hydrogen gas in enclosed spaces. It is not classified as corrosive to metals; no test data for the mixture are available. Refer to Sections 7, 10 and 15.

3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion (% w/w)
Sodium linear alkylbenzene sulfonate	68411-30-3	<10%
Sodium metasilicate	6834-92-0	<10%
Non-hazardous ingredients	-	to 100%

4: First Aid Measures

General	For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor.
Ingestion	If swallowed, DO NOT induce vomiting. If person is conscious, rinse mouth thoroughly with water, first then give a glass of water to drink. If vomiting occurs, wash out mouth again with water and give another glass of water to drink. Seek medical attention urgently.
Eyes	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (Australia 13 11 26) or by a doctor, or for at least 15 minutes.
Skin	If skin or hair contact occurs, remove contaminated clothing and footwear and flush skin and hair with running water for at least 15 minutes. Wash contaminated clothing before reuse. Seek medical attention.
Inhalation	If swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuers, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.
Symptoms Caused by Exposure	Please refer to Section 11- Toxicological Information.

Medical Attention and Special Treatment Treat symptomatically.

First Aid Facilities Ensure an eyewash station and safety shower are available and clearly identified where this product is used.

5: Fire Fighting Measures

Suitable Extinguishing Equipment Material itself is not combustible. Extinguish fire using agent suitable for type of surrounding fire. Use foam, dry chemical or carbon dioxide. Keep run-off water out of sewers and water sources.

Unsuitable Extinguishing Equipment None known. Do not use a water jet, which may spread the spill.

Specific Hazards Arising from the Chemical Not combustible and will not sustain combustion. When heated to decomposition the product will produce irritating fumes. Containers may rupture if heated.

Hazardous Combustion Products Oxides of carbon, oxides of phosphorus, oxides of sulfur, sodium oxides and silicon oxides. Other irritating fumes may be produced on combustion.

Special Protective Equipment and Precautions for Fire Fighters Use water spray to keep fire-exposed containers cool. The following protective equipment for fire fighters is recommended when this material is present around a fire. Liquid-tight chemical protective suit with breathing apparatus.

Hazchem Code None allocated. The product is not classified as a dangerous good.

6: Accidental Release Measures

Personal Precautions Surfaces may be slippery. Increase ventilation. Wear PPE in accordance with section 8. Stop leak if safe to do so. Isolate the spill area. Keep unnecessary personnel away. Clean up immediately to avoid accidents.

Environmental Precautions Do NOT allow spilled concentrated product to enter drains, sewers, creeks, dams, rivers or waterways. The product is harmful to aquatic life and contains phosphate. Notify the relevant authority if a spill enters a drain or waterway.

Spills and Disposal	Small Spills	Large Spills
	Mop or wipe up with a rag or paper towel and dispose of in rubbish. Wash down surface with water.	Contain, collect and recycle spilt product if possible, otherwise absorb spill with material such as soil, sand, attapulgate, vermiculite. Collect and seal in properly labelled, chemical resistant containers. Wash area with water. Seek disposal options by a licensed waste contractor.

Reference to Other Sections Refer to Section 8 for personal protective equipment and Section 13 for disposal considerations.

7: Handling and Storage

Precautions for Safe Handling Avoid contact with eyes, skin and clothing. Wear the personal protective equipment described in Section 8. Avoid generating mists or aerosols. Wash hands thoroughly after use. Remove and wash contaminated clothing promptly. ALWAYS add product to water while stirring, never water to product. Do not decant into unlabelled containers.

Conditions for Safe Storage Store in the original closed container in a cool, dry, well-ventilated place out of direct sunlight and out of reach of children. Keep intermediate bulk containers closed when not in use and protected against physical damage. Bund or otherwise contain bulk storage so that

a container failure cannot reach a drain.

Storage Incompatibilities

Refer to Section 10 – Incompatible Materials.

8: Exposure Controls – Personal Protection

Workplace Exposure Limits (WEL)

2-Butoxyethanol (CAS 111-76-2): TWA 10 ppm (49 mg/m³); STEL 40 ppm (196 mg/m³); notation Sk.

The notation Sk indicates that absorption through the skin may be a significant source of exposure. No workplace exposure limit has been established for the product itself, or for the other ingredients disclosed in Section 3.

Source: Workplace exposure limits for airborne contaminants, Safe Work Australia.

Workplace exposure standards (WES) are replaced by workplace exposure limits (WEL) from 1 December 2026.

Biological Limit Values

No biological limit values have been established for this product.

Engineering Controls

Use in a well-ventilated area. Avoid the generation and inhalation of mists and aerosols. Where the product is applied by spray, provide local exhaust ventilation or use in the open air. Provide bunding and splash containment at bulk decanting points.

Individual Protection

Eyes/Face

Chemical splash goggles complying with AS/NZS 1337.1. A face shield in addition to goggles is required when decanting from bulk, when spraying, and wherever splashing may occur. Safety glasses alone are not sufficient for this product.

Hands

Chemical resistant gloves complying with AS/NZS 2161. Nitrile or neoprene of at least 0.4 mm thickness is suitable for incidental contact. Replace gloves immediately if wetted internally.

Skin

Wear chemically resistant protective clothing and impervious footwear. Where splashing is possible, wear a chemical resistant apron. Remove wetted clothing promptly and wash the skin beneath.

Respiratory

Not normally required. Where mists or aerosols are generated, use a respirator selected and used in accordance with AS/NZS 1715 and AS/NZS 1716.

Thermal Hazards

Not applicable.

9: Physical and Chemical Properties

Appearance

Clear yellow liquid

Physical State

Liquid

Colour

Yellow

Odour

Characteristic

Odour Threshold

No data available

pH

12.0 – 13.0 (as supplied, undiluted)

Vapour Pressure

Not applicable

Vapour Density

Not applicable

Flash Point

Not applicable

Flammability or Explosive Limits (Lower/Upper)

Not applicable

Flammability (Solid, Gas)

Not applicable. The product is a liquid.

Evaporation Rate

No data available

Boiling Point / Boiling Range	>100 °C
Melting Point / Freezing Point	<0 °C
Relative Density (Specific Gravity)	1.05
Solubility (in water)	Soluble in water
Partition Coefficient: n-octanol/water	Not applicable to the mixture
Auto-ignition Temperature	Not applicable
Decomposition Temperature	No data available
Viscosity	No data available
Particle Characteristics	Not applicable. The product is a liquid.
Explosive Properties	Not explosive
Oxidising Properties	Not oxidising

10: Stability and Reactivity

Reactivity	No dangerous reactivity is expected under normal conditions of use, handling and storage.
Chemical Stability	The product is stable under normal conditions.
Possibility of Hazardous Reaction	Reacts exothermically with acids. Attacks aluminium, galvanised steel, zinc, tin and their alloys, which may generate flammable hydrogen gas. In a closed or poorly ventilated space this could form a flammable atmosphere.
Conditions to Avoid	Avoid extreme heat and high temperatures. Avoid freezing. Avoid contact with incompatible metals.
Incompatible Materials	Acids. Strong oxidising agents. Aluminium, galvanised steel, zinc, tin and their alloys. Ammonium salts.
Hazardous Decomposition Products	Oxides of carbon, oxides of phosphorus, oxides of sulfur, sodium oxides and silicon oxides on thermal decomposition.

11: Toxicological Information

Likely Routes of Exposure	Ingestion, eye contact, skin contact and inhalation of mists or aerosols.
Ingestion	Harmful effects are not expected from the ingestion of small quantities. Ingestion may cause irritation and burning of the mouth, throat, and digestive tract, with nausea, vomiting and abdominal discomfort.
Eye	Causes serious eye damage. Contact may cause severe pain, corneal injury, and permanent impairment of vision. Read-across data for the anionic surfactant (Draize, rabbit) report severe irritation with vascularisation of the cornea, considered a permanent effect (HERA, 2009).
Skin	Causes skin irritation, with redness and drying or defatting of the skin. Prolonged, repeated, or occluded contact may cause more severe effects, including dermatitis. 2-Butoxyethanol may be absorbed through the skin.
Inhalation	Not classified for acute inhalation toxicity. Inhalation of mists or aerosols may irritate the nose, throat, and upper respiratory tract.

Acute Toxicity (ATE)	Not classified. The calculated acute toxicity estimate for the mixture by the oral route exceeds 2000 mg/kg bodyweight. No inhalation or dermal acute toxicity data is available for the product.
Skin Corrosion/Irritation	Category 2, H315. Classified using the additivity approach of GHS Chapter 3.2 applied to the disclosed ingredient concentrations. Not classified as corrosive to skin. No test data are available for the mixture. Refer to Section 16, Basis of Classification.
Serious Eye Damage/Irritation	Category 1, H318. Classified by summation: the total concentration of Category 1 ingredients exceeds the 3% cut-off. This is the classification-determining endpoint for the product.
Respiratory or Skin Sensitisation	Not classified. No ingredient classified as a respiratory or skin sensitiser is present.
Germ Cell Mutagenicity	Not classified. No ingredient classified for germ cell mutagenicity is present.
Carcinogenicity	Not classified. No ingredient classified for carcinogenicity is present.
Reproductive Toxicity	Not classified. No ingredient classified for reproductive toxicity is present.
STOT – Single Exposure	Not classified. The sum of ingredients classified for specific target organ toxicity following single exposure is below the threshold.
STOT – Repeated Exposure	Not classified. No ingredient classified for repeated exposure target organ toxicity is present above its cut-off.
Aspiration Hazard	Not classified. The product is an aqueous solution and contains no aspiration hazard ingredient.
Symptoms – Immediate, Delayed and Chronic Effects	Immediate: eye pain and injury on eye contact; skin redness and irritation on skin contact. Delayed: dermatitis from repeated or prolonged skin contact. Chronic: no chronic effects are expected from the product at the concentrations present when it is used as directed.
Interactive Effects	None known.

12: Ecological Information

Ecotoxicity	No aquatic toxicity data is available for the product as supplied. The product is strongly alkaline, and a release of concentrated product may cause a pH shift that is harmful to aquatic organisms.
Persistence/Degradability	The anionic surfactant present is readily biodegradable when tested to OECD 301 criteria. The glycol ether is readily biodegradable. The inorganic builders are not biodegradable but are not persistent organic substances.
Bio-accumulative Potential	Low. No ingredient is expected to bioaccumulate.
Mobility in Soil	Completely miscible with water and therefore mobile in soil and in aquatic systems.
Other Adverse Effects	The product contains phosphate. Discharge to waterways may contribute to nutrient enrichment and eutrophication. Do not discharge to sewer or to any waterway without the written consent of the relevant water authority and confirm compliance with the applicable trade waste agreement.

13: Disposal Considerations

Disposal Methods	The most effective way to dispose of product is to use as was originally intended, in
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accordance with label instructions. If disposal of large volumes of unwanted or excess product is required, either supply to product to someone who can use it in accordance with label instructions or contact your local council and/or state environmental authority for advice. Dispose of in accordance with Local, State and Federal regulations. Drain containers thoroughly and rinse empty containers with water and use the solution in accordance with label instructions. Recycle packaging at an approved collection point or recycling facility.

Contaminated Packaging

Drain containers thoroughly. Triple rinse empty containers with water and use the rinsate in accordance with label instructions. Recycle the empty container at an approved collection point or recycling facility. Do not re-use the container for any other purpose.

14: Transport Information

UN Number	Not applicable
Proper Shipping Name	Not applicable
Class	Not applicable
Subsidiary Risk	Not applicable
Packing Group	Not applicable
Environmental Hazards (Marine Pollutant)	Not applicable. The product does not meet the Aquatic Acute 1, Chronic 1 or Chronic 2 criteria that define an environmentally hazardous substance for transport and is not a marine pollutant.
Special Precautions For Users	Ensure all containers are clearly labelled. Keep containers securely sealed and protected against physical damage. Secure intermediate bulk containers against movement during transport.
Hazchem Code	Not applicable
IERG (HB76)	Not applicable
AERG Number	Not applicable
Transport in Bulk (IMO Instruments)	Not applicable

15: Regulatory Information

Packaging & Labelling	This product is a Scheduled Poison, Schedule 6 according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). This product is classified as a hazardous chemical in accordance with the criteria of the Work Health and Safety (WHS) Regulations and the principles of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as adopted in Australia. It must be labelled in accordance with the WHS Regulations. Defined as a Non-Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Poisons Schedule (SUSMP)	Schedule 6 (S6).
AICIS – Australian Inventory of Industrial Chemicals	All ingredients are listed on the Australian Inventory of Industrial Chemicals (AIIC) or are exempt from listing.
Other Regulatory Information	None.

16: Other Information

Date of Preparation / Last	1 September 2026
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Revision

Prepared By

Regulatory Technical Officer

Date of Previous Issue

August 2021

Changes Made

Full GHS review. Reclassified under GHS Revision 7.

Sections 8, 9, 10, 11, 12 and 14 expanded to the headings required by the June 2023 Code of Practice. A workplace exposure limit is now stated for 2-butoxyethanol.

Next Review Date

This safety data sheet must be reviewed no later than five years from the date of preparation or last revision and amended immediately if the formulation changes or new hazard information becomes available.

Basis of Classification

The mixture has been classified from the concentrations of its ingredients using the additivity and summation approaches of GHS Chapters 3.1, 3.2, 3.3 and 4.1. No test data on the mixture are available for any endpoint.

References

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
Model Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals, Safe Work Australia, June 2023
Work Health and Safety Regulations – regulation 330 and Schedule 7
Globally Harmonised System of Classification and Labelling of Chemicals (GHS), 7th revised edition (2017)
Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
Safe Work Australia Hazardous Chemical Information System (HCIS)
Australian Inventory of Industrial Chemicals (AICIS)
Workplace exposure limits for airborne contaminants, Safe Work Australia
Current raw material supplier safety data sheets

Abbreviations and Acronyms

ADG Code – Australian Code for the Transport of Dangerous Goods by Road & Rail; AERG – Australian Emergency Response Guide; AICIS – Australian Industrial Chemicals Introduction Scheme; AIIC – Australian Inventory of Industrial Chemicals; ATE – Acute Toxicity Estimate; CAS – Chemical Abstracts Service; GHS – Globally Harmonised System of Classification and Labelling of Chemicals; HCIS – Hazardous Chemical Information System; IERG – Initial Emergency Response Guide; LC50 – median lethal concentration; LD50 – median lethal dose; N/Av – not available; N/App – not applicable; PPE – personal protective equipment; SDS – safety data sheet; STOT RE – specific target organ toxicity, repeated exposure; STOT SE – specific target organ toxicity, single exposure; SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons; UN – United Nations; WEL – workplace exposure limit; WES – workplace exposure standard; WHS – Work Health and Safety.

Contact Person/Point

Australia 24 HOUR EMERGENCY CONTACT
Poisons Information Centre 13 11 26

Legal Disclaimer

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

END OF SAFETY DATA SHEET