

Safety Data Sheet

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Issue date: March 2023

Hazardous according to criteria of Worksafe Australia

HEAVY DUTY DEGREASER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Ecospill Pty Ltd

ABN: 45 144 563 977

3/17 Bult Drive

BRENDALE, QLD, 4500

Phone: 07 3881 0554

Fax: 07 3881 0032

Emergency: 0428 835 955

Email: info@ecospill.com.au

Product Name:

HEAVY DUTY DEGREASER; GROT OFF

Synonyms:

None

Manufacturer's Product Code(s):

GROT

Use:

DEGREASING DETERGENT FOR VERY HEAVY OIL, GREASE AND WATER BASED SOILING

UN Number:

None allocated

Proper Shipping Name:

None allocated

Dangerous Goods Class:

None allocated

Subsidiary risk:

None allocated

Packing Group:

None allocated

Hazchem Code:

None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
SODIUM HYDROXIDE	1 to 10%	1310-73-2
D-LIMONENE	1 to 10%	5989-27-5
Cumulative Hazardous substance below cutoff levels	< 1%	Mixture
Other non-hazardous ingredients including water	Balance	N/A

3. HAZARD IDENTIFICATION

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Hazard Category: Irritant

ACUTE HEALTH EFFECTS

Swallowed: May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach.

Eye: Will cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.

Skin: Will cause irritation to the skin, with effects including, redness, itchiness, and possible dermatitis.

Inhaled: May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and possible confusion.

Chronic: Prolonged or repeated skin contact may lead to dermatitis. This product may cause severe eye irritation and depending upon duration of exposure, some form of permanent eye damage may occur.

4. FIRST AID MEASURES

Swallowed: If swallowed, DO NOT induce vomiting. If victim is conscious give water. If sickness persists transport to hospital or doctor.

Eye: If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists transport to hospital or doctor.

Skin: If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists transport to hospital or doctor.

Inhaled: Open all doors, windows and/or vents. Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.

First Aid Facilities: Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard: If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting soot, smoke and decomposition products.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

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Flammability: This material is not a flammable or combustible liquid.

6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labeled containers for disposal. Remainder of material can be washed to drain with plenty of water.

Disposal: For disposal information contact the State Land Waste Management Authority or the Environmental Protection Agency.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

SODIUM HYDROXIDE

(Worksafe Australia)

[TAW] 2 mg/m³ [STEL] Peak limitation Notices: H

(ACGIH)

[STEL] 2 (Ceiling)

Engineering Controls: Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protection Equipment

CLOTHING: PVC or natural rubber apron or splash suit.

GLOVES: PVC or natural rubber.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale yellow liquid low viscosity with strong citrus odour
Boiling Point Melting Point:	100 oC
Vapour Pressure:	N/Av
Specific Gravity:	1.01
Flash Point:	Non flammable
Flammability Limits:	Non flammable
Solubility in Water:	Complete

Other Properties: pH as supplied 12.0 - 12.5

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits smoke and fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong alkalis, acids, oxidizing agents.

CONDITIONS TO AVOID: Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

RISK PHRASES

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S1/2 Keep locked up and out of reach of children.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

12. ECOLOGICAL INFORMATION

N/A

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13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Subsidiary risk: None allocated
Packing Group: None allocated
Hazchem Code: None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT (US), IACO (IATA) or IMO (IMDG). Non Dangerous Good according to the ADG Code (6th Edition).

15. REGULATORY INFORMATION

Poison Schedule: None allocated

16. OTHER INFORMATION

CONTACT DETAILS

Sales Department	+61 7 3881 0554	In case of poisoning, contact Poisons Information Centre
Fax	+61 7 3881 0032	
Mobile	0408 346 998	
Emergency	0428 835 955	

DISCLAIMER

All information given by ECOSPILL PTY LTD is offered in good faith and is believed, to the best of our knowledge, to be accurate. However, this information is given without warranty, representation, inducement or license and ECOSPILL PTY LTD does not assume legal responsibility for reliance for the same. The data in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Every person dealing with the materials referred to herein does so at his or her own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 13 11 26

In New Zealand Tel: 034 747 000