

Non Hazardous Chemical, Non Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: GreaseGuard®
Recommended use: Reduction of grease in wastewater process.
Supplier: Parklink Ltd
Street Address: 43 Niven Street, Onekawa, Napier, 4110 New Zealand
Telephone: 06 843 2913
Email: admin@parklink.co.nz
Emergency Telephone number: 0800 POISON (0800 764 766)

2. HAZARDS IDENTIFICATION

This material is not hazardous according to criteria of EPA New Zealand.

HSNO Approval Code: None allocated

Signal Word
None allocated

Hazard Classifications
None allocated

Hazard Statements
None allocated

Prevention Precautionary Statements
None allocated

Response Precautionary Statements
None allocated

Storage Precautionary Statement
None allocated

Disposal Precautionary Statement
Dispose of contents/container in accordance with local, regional, national and international regulations.

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Dangerous Goods Class: NA

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
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No ingredients are hazardous at the concentrations used.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove person to fresh air. 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. Seek medical attention if symptoms persist.

Skin Contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if irritation develops and persists.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor; or for at least 15 minutes. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious person. If vomiting occurs give further water. Immediately get medical attention if symptoms occur.

PPE for First Aiders: Avoid contact with skin, eyes and clothing. Wear personal protective clothing (section 8).

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: NA

Suitable extinguishing media: If material is involved in a fire use dry chemical, CO₂, water spray or regular foam.

Specific hazards: Non-combustible

Firefighting further advice: Firefighters should wear self-contained breathing apparatus and full firefighting protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Avoid contact with eyes. Do not touch or walk-through spilled material. Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Stop leak if you can do it without risk. Wash thoroughly after handling. Use appropriate personal protective equipment (PPE). Collect spilled material and place in suitable container.

LARGE SPILLS

Clear area of all unprotected personnel. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of spray. Work up wind or increase ventilation. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

Handling: No special precautions necessary, however it is best to avoid eye contact and repeated or prolonged skin contact.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Keep at a temperature between 10°C and 27°C. Store away from foodstuffs. Keep container standing upright and closed when not in use - check regularly for spills.

General hygiene: Avoid contact with eyes. Do not eat, drink or smoke when using this product. Wash hands and face before breaks and immediately after handling the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

No value assigned for this specific material by the New Zealand Workplace Health & Safety Authority.

As published by WorkSafe New Zealand.

WES-TWA (Workplace Exposure Standard - Time-weighted average). The average airborne concentration of a substance calculated over an eight-hour working day.

WES-Ceiling (Workplace Exposure Standard - Ceiling). A concentration that should not be exceeded at any time during any part of the working day.

WES-STEL (Workplace Exposure Standard - Short-term exposure limit). The 15-minute time weighted 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. Exposures at concentrations between the WES-TWA and the WES-STEL should be less than 15 minutes, should occur no more than four times per day, and there should be at least 60 minutes between successive exposures in this range.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the WorkSafe New Zealand the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. Ventilation must be adequate to maintain air concentrations below Exposure Standards. Use only in well-ventilated areas. Use with local exhaust ventilation.

Personal Protection Equipment: None required when used as per label directions. However, consider using the following materials if prolonged contact with the product is possible: rubber gloves, safety glasses or goggles, suitable protective clothing (i.e., overalls or full-length sleeves and trousers). Use a mask or respirator and enclosed goggles if generating spray.

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

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Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of spray. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Pale yellow
Odour: Odourless

Solubility: Not available
Specific Gravity: Not applicable
Density: 1.0 g/cm³
Vapour Pressure (20 °C): Negligible
Flash Point (°C): Not applicable
Flammability Limits (%): Not applicable
Autoignition Temperature (°C): Not applicable
Melting Point/Range (°C): Not available
Boiling Point/Range (°C): Not available
pH: 7.0 – 7.5

10. STABILITY AND REACTIVITY

Chemical stability: This material is stable when stored and used as directed.

Conditions to avoid: Avoid heat, humidity and moisture.

Incompatible materials: None known.

Hazardous decomposition products: None known based on information supplied.

Hazardous reactions: No information available.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may cause slight irritation to mucous membranes and respiratory tract.

Skin contact: Prolonged contact with skin may result in mild irritation.

Ingestion: No known harmful effects.

Eye contact: May cause mild eye irritation.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: No information available

Specific target organ toxicity (single exposure): No information available

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Chronic Toxicity

Mutagenicity: No information available

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity (including via lactation): No information available

Specific target organ toxicity (repeat exposure): No information available

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: Expected to be harmful to aquatic species.

Long-term aquatic hazards: Expected to be harmful to aquatic species with long term effects.

Ecotoxicity in the soil environment: No information available

Ecotoxicity to terrestrial vertebrates: No information available

Ecotoxicity to terrestrial invertebrates: No information available

Ecotoxicity: No information available

Persistence and degradability: No information available

Bioaccumulative potential: Yes

Mobility: No information available

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

Treat the chemical using a method that changes the characteristics or composition of the chemical so that the chemical is no longer a hazardous chemical; or export the chemical from New Zealand as waste. If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

UN No:	NA
Dangerous Goods Class:	NA
Packing Group:	NA
Emergency Response Guide No:	NA
Proper Shipping Name:	NA

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code).

UN No:	NA
Dangerous Goods Class:	NA
Packing Group:	NA
Proper Shipping Name:	NA

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AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: NA
Dangerous Goods Class: NA
Packing Group: NA

Proper Shipping Name: NA

15. REGULATORY INFORMATION

All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

HSNO Code: None allocated.

16. OTHER INFORMATION

Reason for issue: New product

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer, it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.