

Lime Dishwash Detergent

1. Identification of the substance/mixture and supplier

Product Name	Lime Dishwash Detergent
Recommended Uses	Manual dishwashing detergent
Supplier	Clark Products Limited
Street address	24 Niven Street Onekawa Napier
Telephone Number	0800 66 66 33
Facsimile	+64 6 8432958
Emergency Telephone	0800 CHEMCALL (24 hours) 0800 243 622

2. Hazards Identification

Dangerous Goods	Not classified as a Dangerous Good according to NZS 5433:2007 Transport of Dangerous Goods on Land
Hazardous Substances	Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) regulations 2001
HSNO Classification	6.4A (corrosive to eyes) 9.1D (slightly harmful to the aquatic environment)
Hazard Statements	Causes eye irritation. May cause long lasting harmful effects to aquatic life.
Precautionary Statements	Read label before use. Wash hands thoroughly after use. Avoid release to the environment.

3. Composition/Information on Ingredients

Contents	CAS Number	Proportion
Non-ionic and Anionic Surfactants	-	10-20%
Lemon Fragrance	-	<1%
Green Dye	-	<0.1%
Water	7732-18-5	To 100%

4. First Aid Measures

For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor
If medical advice is needed, have product container or label at hand.

Swallowed	Do <u>NOT</u> induce vomiting. Rinse mouth with water. Give water to drink to achieve dilution. Call a POISON CENTRE or doctor/physician if you feel unwell
Eye Contact	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.

Skin Contact	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs get medical advice/attention.
Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.
Advice to Doctor	Treat symptomatically. Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766

5. Fire-fighting Measures

Specific Hazard	Non-combustible material. Upon heating may liberate toxic fumes including those of carbon oxides.
Suitable Extinguishing Media	This product is non-combustible, if material is involved in fire use media appropriate for surrounding fire conditions. Safe to use water fog or water spray, foam, dry agent (carbon dioxide, dry chemical powder).
Fire-fighting advice	Non combustible, however following evaporation of aqueous component residual material can decompose if involved in a fire, emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition

6. Accidental Release Measures

Clear area of all unnecessary and unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Stop leak if safe to do so. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled container for recycling or disposal. Absorb residues with sand, earth, vermiculite or other inert material and collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water and prevent run off into drains. If contamination of sewers or waterways and/or surrounding environment has occurred notify local emergency services, local authorities and the Regional Council.

7. Handling and Storage

Handling advice	Before use carefully read the product label. Avoid eye contact. Observe good personal hygiene practices and recommended procedures. Wash hands thoroughly after handling. Avoid release to the environment.
Storage advice	Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from foodstuffs. Keep out of reach of children. Do not use empty containers for storage of foodstuffs

8. Exposure Controls / Personal Protection

Workplace Exposure Guidelines

No value assigned for this specific material by the NZ occupational safety and Health Services (OSH).

Engineering Controls

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment

Wear chemical goggles if eye contact is likely. Wear PVC or rubber gloves where repeated or prolonged contact is likely or contact with broken or sensitive skin is possible. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. Physical and Chemical properties

Appearance	Clear green liquid
Odour	Lemon fragranced
Solubility	Complete solubility in water
Specific Gravity	1.013
Flash Point (°C)	Not applicable
pH	7-8
Freezing Point	Not available
Boiling Point	Not available
Vapour Pressure	Not available

10. Stability and Reactivity

Stability Product is stable under directed conditions of use, storage and temperature. May evolve toxic fumes when heated to decomposition

Reactivity Avoid exposure to heat. Protect from freezing.

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:

Swallowed	May cause nausea, vomiting and abdominal pain
Eye Contact	Irritating to eyes, contact may cause redness and corneal burns.
Skin Contact	May cause irritation to skin in cases of prolonged contact or with broken or sensitive skin
Inhaled	Breathing in mists or aerosols may produce respiratory irritation.
Long Term Effects	No information available for the product
Toxicological Data	No LD50 data available for this product

12. Ecotoxicological information

Avoid contaminating waterways. May be harmful to aquatic organisms. Biodegradable.

Aquatic toxicity No data available for this product

13. Disposal

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be sent to an approved waste disposal contractor for disposal in an approved waste facility. Normally product is suitable for disposal at an approved landfill site. Processing, use or contamination of this product may change the waste management options. Care should be taken to ensure compliance with national and local regulations. This product is NOT for disposal via municipal sewers, drains, natural streams or rivers.

Special Precautions: Emptied containers retain product residue and may therefore present hazards. Observe all safeguards on label and in this SDS until container is cleaned or

destroyed. Decontaminate empty containers with plenty of water. Dispose of washed containers in accordance with local authority requirements (normally at an approved landfill site).

14. Transport information

Transport of Dangerous Goods Pictograms: *Not applicable for the UN RTDG Model Regulations*

Road and Rail Transport

Not classified as a Dangerous Good according to NZS 5433:2007 Transport of Dangerous Goods on Land.

Marine Transport

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

Air Transport

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

15. Regulatory Information

ERMA (NZ) Approval Code	HSR002530
Group Standard	Cleaning Products (Subsidiary Hazard) Group Standard 2006
HSNO Classifications	6.4A (irritating to eyes) 9.1D (slightly harmful in the aquatic environment)
HSNO Controls	<p><u>Trigger quantities for this substance by itself in a “place”:</u></p> <p>Approved Handler: <i>requirement not triggered</i> Secured when unattended: <i>requirement not triggered</i> Tracking: <i>requirement not triggered</i> Transit depot requirements: <i>requirement not triggered</i> Hazardous substance location: <i>requirement not triggered</i> Hazardous atmosphere zone: <i>requirement not triggered</i> Child Resistant Packaging: requirement if offered for sale in a package that is less than 2.5L (<i>Not applicable if the offer for sale is made in a place of work where children do not have access and the substance is for use in that place of work</i>)</p> <p>Emergency Management</p> <p>Level 1 information: 0.1 Litre Level 2 documentation: 50 Litres Level 3 requirements: 10,000 Litres Emergency response plan: 10,000 Litres Workplace signage: 10,000 Litres Fire extinguishers: <i>requirement not triggered</i></p>
GHS Pictogram:	No pictogram

For more information refer to the ERMA website: www.ermanz.govt.nz

16. Other information

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