

Newcity Hygiene Products Ltd



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SAFETY DATA SHEET

1. Identification

Product Name: Lemon Dish Detergent

Recommended Use: Concentrated grease-cutting dishwashing detergent for manual washing of dishes, cookware and greasy kitchen items in commercial kitchens.

Supplier: Newcity Hygiene Products Ltd

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Website: www.newcity.co.nz

Emergency Phone: 0800 764 766 (New Zealand National Poisons Centre)

2. Hazard Identification

Classification according to New Zealand Hazardous Substances (Hazard Classification) Notice 2020:

- Not classified as hazardous.

Other information:

- Based on the finished product as supplied, the product may cause mild eye irritation

Signal Word:

Caution

Hazard Statements:

- May cause mild eye irritation.

Precautionary Statements:

- Keep out of reach of children.
- Avoid contact with eyes.
- Wash hands thoroughly after handling.
- If in eyes, rinse cautiously with water for several minutes.

- Remove contact lenses, if present and easy to do. Continue rinsing.
- If irritation persists, seek medical advice.
- All food-contact surfaces must be rinsed with potable water after cleaning.
- Dispose of contents/container in accordance with local regulations.

3. Composition / Information on Ingredients

Chemical nature: Mixture

Ingredient	CAS No.	Approx. content
Water	7732-18-5	Balance
Anionic surfactant system (including neutralised linear alkylbenzene sulfonate)	Mixture	5–15%
Sodium lauryl ether sulfate solution	68585-34-2	1–10%
Coconut diethanolamide	68603-42-9	1–5%
Alkalinity regulator	Mixture	<2%
Sodium chloride	7647-14-5	<1%
Fragrance / preservative / colour	Mixture	<1%

4. First Aid Measures

Inhalation:

Remove person to fresh air. Keep at rest. Seek medical advice if symptoms occur.

Skin Contact:

Wash skin thoroughly with soap and water. Remove contaminated clothing. If irritation occurs, get medical advice.

Eye Contact:

Immediately rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice.

Ingestion:

Rinse mouth with water. Do not induce vomiting. Give water to drink if conscious. Seek medical advice if unwell.

Advice to Doctor:

Treat symptomatically.

5. Fire Fighting Measures**Suitable extinguishing media:**

Water spray, foam, dry chemical, or carbon dioxide.

Specific hazards:

Product is water-based and is not expected to present a major fire hazard under normal conditions, but decomposition in a fire may release carbon oxides, sulfur oxides, nitrogen oxides and other irritating fumes.

Protective equipment for firefighters:

Wear self-contained breathing apparatus and full protective equipment.

6. Accidental Release Measures

- Avoid contact with eyes and prolonged skin contact.
- Wear appropriate gloves, goggles and protective clothing when handling bulk quantities.
- Prevent large spills from entering drains or waterways.
- Absorb with sand, earth, vermiculite or other inert absorbent.
- Collect into suitable containers for disposal.
- Wash contaminated area with water after clean-up.

7. Handling and Storage

- Avoid contact with eyes.
- Avoid breathing mists.
- Use with adequate ventilation.
- Keep containers tightly closed when not in use.
- Store in a cool, dry, well-ventilated place.
- Keep away from strong acids, strong oxidising agents and incompatible materials.

8. Exposure Controls / Personal Protection

- **Engineering controls:**
Use general ventilation. Local exhaust ventilation may be required where mists are generated.
- **Eye protection:**
Safety goggles or chemical splash goggles when decanting or handling bulk quantities.
- **Hand protection:**
Chemical resistant gloves.
- **Skin protection:**
Protective clothing, overalls, safety footwear.
- **Respiratory protection:**
Not normally required under normal use. If mist exposure may occur, use suitable respiratory protection.
- **Exposure standard information:**
No product-specific exposure standard assigned. Good industrial hygiene practice should be followed.

9. Physical and Chemical Properties

Appearance: Green liquid

Odour: Lemon

pH: Typical 8.5–10.0

Specific gravity: Typical 1.00–1.05

Boiling point: Approx. 100°C

Flash point: Not established for product

Solubility in water: Soluble / miscible

Viscosity: Moderate viscosity

10. Stability and Reactivity

- **Chemical stability:**
Stable under normal conditions of storage and use.
- **Conditions to avoid:**
Excessive heat, flames, sparks, and incompatible materials.
- **Incompatible materials:**
Strong acids, strong oxidising agents, reducing agents, aluminium and certain reactive metals.

- **Hazardous decomposition products:**

Carbon oxides, sulfur oxides, nitrogen oxides and other irritating fumes.

11. Toxicological Information

Likely routes of exposure:

Skin contact, eye contact, inhalation, ingestion.

Potential health effects:

- **Eyes:** May cause mild eye irritation.
- **Skin:** Prolonged or repeated contact may cause mild irritation.
- **Inhalation:** Mists may irritate the respiratory tract.
- **Ingestion:** May cause gastrointestinal discomfort, nausea or irritation.

Chronic effects:

No specific chronic effects are expected for the product as formulated; however prolonged or repeated exposure should be avoided.

12. Ecological Information

- Avoid release to drains, waterways and soil.
- Surfactants and preservative components may adversely affect aquatic environments in large quantities.
- No product-specific ecotoxicity data are available.
- Do not allow large quantities to enter stormwater systems.

13. Disposal Considerations

Dispose of product, absorbents and contaminated packaging in accordance with local New Zealand regulations. Do not discharge to stormwater or natural waterways. Empty containers should be rinsed and disposed of appropriately.

14. Transport Information

NZS 5433 (Land Transport):

Not classified as Dangerous Goods.

IMDG:

Not classified as Dangerous Goods.

IATA:

Not classified as Dangerous Goods.

15. Regulatory Information

This Safety Data Sheet is intended to be prepared in accordance with the current New Zealand EPA framework, including:

- **Hazardous Substances (Hazard Classification) Notice 2020**
- **Hazardous Substances (Safety Data Sheets) Notice 2017**
- **Hazardous Substances (Labelling) Notice 2017**

16. Other Information

Date of preparation: 7 January 2026

Version: 3.0

Note: This SDS has been prepared for the finished product as supplied. Section 9 values are typical values for guidance only and should not be taken as product specification values.

Abbreviations and acronyms used:

CAS - Chemical Abstracts Service number

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

NZ EPA - New Zealand Environmental Protection Authority

SDS - Safety Data Sheet

TWA - Time Weighted Average

WES - Workplace Exposure Standard