



SAFETY DATA SHEET

Product Name **SUN DISHWASHING LIQUID (LIME)**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier name DIVERSEY AUSTRALIA PTY. LIMITED
Address 29 Chifley St, Smithfield, NSW, 2164, AUSTRALIA
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Emergency 1800 033 111 (24 hrs)
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Web site <http://www.diversey.com>
Synonym(s) ALL PACK SIZES
Use(s) DISHWASHING LIQUID
SDS date 11 June 2013

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

RISK PHRASES

R41 Risk of serious damage to eyes.

SAFETY PHRASES

S2 Keep 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 seek medical advice
S39 Wear eye/face protection.

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

| | | | |
|----------------------|----------------|---------------------------|----------------|
| UN number | None Allocated | DG class | None Allocated |
| Packing group | None Allocated | Subsidiary risk(s) | None Allocated |
| Hazchem code | None Allocated | | |

3. COMPOSITION/ INFORMATION ON INGREDIENTS

| Ingredient | Identification | Classification | Content |
|---------------------------------|----------------------------------|----------------|-----------|
| SODIUM ALKYL BENZENE SULPHONATE | CAS: 68411-30-3 EC: 270-115-0 | Not Available | 10 to 30% |
| NON HAZARDOUS INGREDIENTS | Not Available | Not Available | Remainder |

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).

Advice to doctor Treat symptomatically.

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First aid facilities Eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases if strongly heated.
Fire and explosion No fire or explosion hazard exists.
Extinguishing Use an extinguishing agent suitable for the surrounding fire.
Hazchem code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS.
Environmental precautions Prevent product from entering drains and waterways.
Methods of cleaning up If spilt (bulk), mop up area. CAUTION: Spill site may be slippery.
References See Sections 8 and 13 for exposure controls and disposal.

7. STORAGE AND HANDLING

Storage Store in a cool, dry area. Ensure containers are tightly sealed, adequately labelled and protected from physical damage.
Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards No exposure standard(s) allocated.
Biological limits No biological limit allocated.
Engineering controls Avoid inhalation. Use in well ventilated areas.

PPE

Eye / Face Wear splash-proof goggles.
Hands Wear PVC or rubber gloves.
Body When using large quantities or where heavy contamination is likely, wear coveralls.
Respiratory Not required under normal conditions of use.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance CLEAR GREEN LIQUID
Odour LIME ODOUR
Flammability NON FLAMMABLE
Flash point NOT RELEVANT
Boiling point 100°C (Approximately)
Melting point < 0°C
Evaporation rate AS FOR WATER
pH 6.0 to 7.0
Vapour density NOT AVAILABLE
Specific gravity 1.00 to 1.04
Solubility (water) SOLUBLE

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| | |
|---------------------------|-----------------|
| Vapour pressure | 18 mm Hg @ 20°C |
| Upper explosion limit | NOT RELEVANT |
| Lower explosion limit | NOT RELEVANT |
| Autoignition temperature | NOT AVAILABLE |
| Decomposition temperature | NOT AVAILABLE |
| Viscosity | NOT AVAILABLE |
| Partition coefficient | NOT AVAILABLE |
| % Volatiles | > 60 % (Water) |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Chemical stability | Stable under recommended conditions of storage. |
| Conditions to avoid | No known conditions to avoid. |
| Material to avoid | Compatible with most commonly used materials. |
| Hazardous Decomposition Products | May evolve toxic gases if heated to decomposition. |
| Hazardous Reactions | Polymerization will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------------|---|
| Health Hazard Summary | Use safe work practices to avoid eye or skin contact and inhalation. Over exposure may result in irritation. |
| Eye | Contact may result in irritation, lacrimation, pain and redness. |
| Inhalation | Adverse health effects are not anticipated under normal conditions of use. |
| Skin | Prolonged or repeated contact may result in irritation, rash and dermatitis. |
| Ingestion | Ingestion may result in gastrointestinal irritation, nausea, vomiting, headache and diarrhoea. |
| Toxicity data | SODIUM ALKYL BENZENE SULPHONATE (68411-30-3) LD50 (ingestion) 404mg/kg (rat) LD50 (skin) 810 mg/kg (rat-subcutaneous) |

12. ECOLOGICAL INFORMATION

| | |
|--------------------------------------|---|
| Toxicity | No information provided. |
| Persistence and degradability | No information provided. |
| Bioaccumulative potential | No information provided. |
| Mobility in soil | No information provided. |
| Other adverse effects | This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities, however larger quantities may cause foaming of waterways with adverse effects on aquatic life. At high levels, may dissolve oils on bird feathers with potential for bird to drown. Not expected to bioaccumulate. |

13. DISPOSAL CONSIDERATIONS

| | |
|-----------------------|---|
| Waste disposal | No special precautions are required for the disposal of this product. |
| Legislation | Dispose of in accordance with relevant local legislation. |

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

| | LAND TRANSPORT (ADG) | SEA TRANSPORT (IMDG / IMO) | AIR TRANSPORT (IATA / ICAO) |
|-----------------------------|---------------------------------|---------------------------------------|--|
| UN number | None Allocated | None Allocated | None Allocated |
| Proper shipping name | None Allocated | None Allocated | None Allocated |

| | | | |
|--------------------|----------------|----------------|----------------|
| DG class/ Division | None Allocated | None Allocated | None Allocated |
| Subsidiary risk(s) | None Allocated | None Allocated | None Allocated |
| Packing group | None Allocated | None Allocated | None Allocated |
| Hazchem code | None Allocated | | |

15. REGULATORY INFORMATION

| | |
|----------------------|---|
| Poison schedule | A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). |
| Inventory Listing(s) | AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt. |

16. OTHER INFORMATION

| | |
|------------------------|---|
| Additional information | PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made. |
|------------------------|---|

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

| | | |
|---------------|-------------------|---|
| Abbreviations | ACGIH | American Conference of Governmental Industrial Hygienists |
| | CAS # | Chemical Abstract Service number - used to uniquely identify chemical compounds |
| | CNS | Central Nervous System |
| | EC No. | EC No - European Community Number |
| | GHS | Globally Harmonized System |
| | IARC | International Agency for Research on Cancer |
| | LD50 | Lethal Dose, 50% / Median Lethal Dose |
| | mg/m ³ | Milligrams per Cubic Metre |
| | PEL | Permissible Exposure Limit |
| | pH | relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). |
| | ppm | Parts Per Million |
| | REACH | Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals |
| | 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 |
| | TLV | Threshold Limit Value |
| | TWA/OEL | Time Weighted Average or Occupational Exposure Limit |

Revision history

| Revision | Description |
|----------|----------------------|
| 2.0 | Standard SDS Review |
| 1.0 | Initial SDS Creation |

Report status

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

Product Name **SUN DISHWASHING LIQUID (LIME)**

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End of SDS