Section 1 – Identification of the Material and Supplier

<table>
<thead>
<tr>
<th>E.D. Oates Pty Ltd</th>
<th>Phone: 1300 669 686 (Business hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-21 Maygar Boulevard</td>
<td>Fax: (03) 9359 9509</td>
</tr>
<tr>
<td>Broadmeadows, Vic, 3047</td>
<td>Email: <a href="mailto:customerservice@oates.com.au">customerservice@oates.com.au</a></td>
</tr>
<tr>
<td>Australia</td>
<td>Website: <a href="http://www.oateslaboratories.com.au">www.oateslaboratories.com.au</a></td>
</tr>
</tbody>
</table>

Chemical nature: Water solution of quaternary ammonium compound, surfactants and other minor ingredients.

Trade Name: AIRLIFT LEMON

Product Use: Disinfectant cleaner

Creation Date: August, 2014

This version issued: September, 2016 and is valid for 5 years from this date.

Section 2 – Hazards Identification

GHS Pictogram

GHS05: Corrosion
GHS07: Exclamation mark

GHS Signal word: DANGER

HAZARD CLASSIFICATION

- Serious eye damage.
- Skin irritation.

HAZARD STATEMENT

- H318: Causes serious eye damage.
- H315: Causes skin irritation.

PREVENTION

- P102: Keep out of reach of children.
- P264: Wash affected areas thoroughly after handling.
- P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE

- P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
- P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Wash with plenty of soap and water.
- P363: Wash contaminated clothing before reuse.
- P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P390: Absorb spillage to prevent material damage.
- P391: Collect spillage.
- P370+P378: Not combustible. Use extinguishing media suited to burning materials. Water fog or fine spray is the preferred medium for large fires.

STORAGE

SAFETY DATA SHEET

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

E.D. Oates Pty Ltd
13-21 Maygar Boulevard, Broadmeadows Vic 3047
Customer Service: 1300 669 686 | Website: www.oateslaboratories.com.au
Oates is a division of GUD Holdings Ltd | ABN 99 004 400 891
P410: Protect from sunlight.
P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL
P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview

Physical Description & Colour: Yellow liquid.

Odour: Lemon fragrance.

Major Health Hazards: Causes serious eye damage. Causes skin irritation.

SUSMP Classification: S5 (CAUTION).

Potential Health Effects

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is a skin irritant. Symptoms may include itchiness and reddening of contacted skin. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Long Term Exposure: Repeated exposure may cause skin dryness or cracking.

Eye Contact:

Short Term Exposure: This product causes serious damage to eyes. It will cause severe pain, and corrosion of the eye and surrounding facial tissues.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is believed to be mildly irritating to mucous membranes but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 3 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Conc. %</th>
<th>TWA (mg/m³)</th>
<th>STEL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkaline salts</td>
<td>various</td>
<td>&lt; 10</td>
<td>not set</td>
<td>not set</td>
</tr>
<tr>
<td>Benzalkonium chloride</td>
<td>68424-85-1</td>
<td>&lt; 10</td>
<td>not set</td>
<td>not set</td>
</tr>
<tr>
<td>Nonylphenol Ethoxylate</td>
<td>9016-45-9</td>
<td>&lt; 5.0</td>
<td>not set</td>
<td>not set</td>
</tr>
<tr>
<td>Dye &amp; fragrances</td>
<td>various</td>
<td>&lt; 1.0</td>
<td>not set</td>
<td>not set</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>to 100</td>
<td>not set</td>
<td>not set</td>
</tr>
</tbody>
</table>
This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term “peak” is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 – First Aid Measures

General Information:
You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 20-30 minutes, by the clock, while holding the eyelid(s) open. Neutral saline solution may be used as soon as it is available. DO NOT INTERRUPT FLUSHING. If necessary, keep emergency vehicle waiting (show paramedics this MSDS and take their advice). Take care not to rinse contaminated water into the unaffected eye or onto face. If irritation persists, repeat flushing. Call a Poisons Information Centre or a doctor urgently. Take special care if exposed person is wearing contact lenses.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Section 5 – Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product are not expected to be hazardous or harmful.

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Does not burn.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Not applicable - does not burn.

Flammability Class: Does not burn.

Section 6 – Accidental Release Measures

Accidental release: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage.
Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

Section 7 – Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

Section 8 – Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

- Respiratory equipment: **AS/NZS 1715**
- Protective Gloves: **AS 2161**
- Occupational Protective Clothing: **AS/NZS 4501**
- Industrial Eye Protection: **AS1336** and **AS/NZS 1337**
- Occupational Protective Footwear: **AS/NZS2210**

**SWA Exposure Limits**

<table>
<thead>
<tr>
<th>TWA (mg/m$^3$)</th>
<th>STEL (mg/m$^3$)</th>
</tr>
</thead>
</table>

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, Viton, nitrile, butyl rubber, Barricade, neoprene, Teflon, polyethylene, PE/EVAL, Saranex, Responder.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Section 9 – Physical and Chemical Properties

| Physical Description & colour: | Clear yellow liquid |
| Odour: | Lemon |
| Boiling Point: | Approximately 100°C at 100kPa |
| Freezing/Melting Point: | Approximately 0°C |
| Volatiles: | Water component |
| Vapour Pressure: | 2.37 kPa at 20°C (water vapour pressure) |
| Vapour Density: | As for water |
| Specific Gravity: | Approx. 1.00 |

SAFETY DATA SHEET

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

E.D. Oates Pty Ltd | ABN 61 004 329 462
13-21 Maygar Boulevard, Broadmeadows Vic 3047
Customer Service: 1300 669 686 | Website: www.oateslaboratories.com.au
Oates is a division of GUD Holdings Ltd | ABN 99 004 400 891
Water Solubility: Completely soluble in water
pH: 11.00 – 12.00
Volutility: No data
Odour Threshold: No data
Evaporation Rate: As for water
Coeff Oil/water Distribution: No data
Autoignition temp: Not applicable - does not burn

Section 10 – Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Keep containers tightly closed. Containers should be kept dry.

Incompatibilities: strong acids, strong bases, strong oxidising agents.

Fire Decomposition: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. May form hydrogen chloride gas, other compounds of chlorine. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 – Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

No data is available for this product. The information shown is for Quaternary Ammonium Compound which is less than 10% of product.

Oral LD50 Rat: 400 mg/kg.

Classification of Hazardous Ingredients

Ingredient | Hazard Statements
---|---
Benzalkonium chloride | H301+H331: Toxic if swallowed or if inhaled.
 | H314: Causes severe skin burns and eye damage.
 | H318: Causes serious eye damage.
Nonylphenol Ethoxylate | H302: Harmful if swallowed.
 | H315: Causes skin irritation.
 | H319: Causes serious eye irritation.

Section 12 – Ecological Information

Eco-toxicity: Avoid contaminating waterways.

Readily biodegradable.

Section 13 – Disposal Considerations

Disposal: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.
Section 14 – Transport Information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

Section 15 – Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 – Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code          Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS              Australian Inventory of Chemical Substances
SWA               Safe Work Australia, formerly ASCC and NOHSC
CAS number        Chemical Abstracts Service Registry Number
Hazchem Code      Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC              International Agency for Research on Cancer
NOS               Not otherwise specified
NTP               National Toxicology Program (USA)
R-Phrase          Risk Phrase
SUSMP             Standard for the Uniform Scheduling of Medicines & Poisons
UN Number         United Nations Number

Please read all labels carefully before using product.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This SDS is prepared in accord with the SWA document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals” (February 2016).

End of Safety Data Sheet