1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: DISINFECTANT LEMON SCENT

Synonyms
Disinfectant lemon commercial grade

Recommended use: Disinfectant and general purpose cleaner

Supplier Name CLEAN PLUS CHEMICALS PTY LTD
Address 16 George Young Street AUBURN NSW 2144
Telephone 02 9738 7444
Fax 02 9644 1777
Emergency 1800 201 700
Email customerservice@cleanplus.com.au
Web Site www.cleanplus.com.au
SDS Date 22 September 2016 Version 1.1

2. HAZARDS IDENTIFICATION

THIS MATERIAL IS NON HAZARDOUS ACCORDING TO HEALTH CRITERIA OF SAFE WORK AUSTRALIA
NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

UN No. None Allocated
DG Class None Allocated
Subsidiary Risk(s) None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
EPG None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Formula</th>
<th>CAS No.</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>H2O</td>
<td>7732-18-5</td>
<td>&gt;60%</td>
</tr>
<tr>
<td>ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE</td>
<td>Not Available</td>
<td>63449-41-2</td>
<td>1-10%</td>
</tr>
<tr>
<td>NON HAZARDOUS INGREDIENTS</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Remainder</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

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

Skin
If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

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

Ingestion
For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

Advice to Doctor Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases if strongly heated.
6. ACCIDENTAL RELEASE MEASURES

Spillage
If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves. Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution: surfaces may be slippery.

7. STORAGE AND HANDLING

Storage
Store in cool, dry, well ventilated area, removed from acids, combustible materials and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

Handling
Before use carefully read the product label. Use of safe practices is 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 Stds
No exposure standard(s) allocated.

Biological Limits
No biological limit allocated.

Engineering Controls
Ensure adequate natural ventilation.

PPE
Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear: coveralls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
YELLOW THIN LIQUID

Solubility (Water)
SOLUBLE

Odour
SHARP LEMON FRAGRANCE

Specific Gravity
0.98 - 1.02

Ph
8.5 – 9.5

Volatile
>60% (Water)

Vapour Pressure
18mg Hg@ 20°C (Water)

Vapour Density
NOT AVAILABLE

Flammability
NON FLAMMABLE

Boiling Point
100°C (Approximately)

Upper Explosion Limit
NOT RELEVANT

Melting Point
NOT AVAILABLE

Lower Explosion Limit
NOT RELEVANT

Evaporation Rate
AS FOR WATER

10. STABILITY AND REACTIVITY

Chemical Stability
Stable under recommended conditions of storage.

Conditions to Avoid
Avoid heat, sparks, open flames and other ignition sources.

Material to Avoid
Compatible with most commonly used materials. Incompatible with acids (eg. Hydrochloric acid) and combustible/flammable materials.

Decomposition
May evolve toxic gas if heated to decomposition.

Hazardous Reactions
Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION
**Health Hazard**  
Low irritant - low toxicity. No adverse health effects are anticipated with normal use of this product.

**Eye**  
Irritant. Contact may result in irritation, lacrimation, pain and redness.

**Inhalation**  
Low irritant. Over exposure to vapours/mists may result in respiratory irritation, nausea and headache. Occupational exposure to quaternary ammonium compounds has been reported to cause asthma, although rare. Due to the low vapour pressure an inhalation hazard is not anticipated, unless sprayed.

**Skin**  
Low irritant. Prolonged or repeated contact may result in mild irritation.

**Ingestion**  
Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.

**Toxicity Data**  
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (68424-85-1)  
LD50 (Ingestion): 426mg/kg (rat)  
LD50 (Intraperitoneal): 100mg/kg (rat)

**12. ECOLOGICAL INFORMATION**

**Environment**  
Benzalkonium chloride derivatives/quaternary ammonium compounds are commonly used as disinfectants, indicating toxicity to microorganisms. Benzalkonium chloride is toxic to trout above 2ppm.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal**  
For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.

**Legislation**  
Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION**

**NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE**

<table>
<thead>
<tr>
<th>Shipping Name</th>
<th>UN No.</th>
<th>DG Class</th>
<th>Hazchem Code</th>
<th>Subsidiary Risk(s)</th>
<th>EPG</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Allocated</td>
<td>None allocated</td>
<td>None Allocated</td>
<td>None Allocated</td>
<td>None Allocated</td>
<td>None Allocated</td>
</tr>
</tbody>
</table>

**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 Drugs and Poisons (SUSDP).

**AICS**  
All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

**16. OTHER INFORMATION**

**Additional Information**

**ABBREVIATIONS:**

ADB - Air-Dry Basis.

BEI - Biological Exposure Indice(s).

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EINECS - European Inventory of Existing Commercial Substances.

GHS – Globally Harmonized System

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m³ - Milligrams per cubic meter.

NOS - Not Otherwise Specified.

NTP - National Toxicology Program.

OSHA - Occupational Safety and Health Administration.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

TWA/ES - Time Weighted Average or Exposure Standard.
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 Clean Plus Chemicals report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:
The recommendation for protective equipment contained within this Clean Plus Chemicals 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.

Report Status
This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals directly. While Clean Plus Chemicals 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, Clean Plus Chemicals 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.

End of Report
Prepared By
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