LEMON FRESH
DISINFECTANT CLEANER
Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name **CLEAN PLUS CHEMICALS PTY LTD**
Address 16 George Young Street AUBURN NSW 2144
Telephone 02 9738 7444
Emergency 1800 201 700
Email customerservice@cleanplus.com.au
Web Site www.cleanplus.com.au

Supplier Name **CHALLENGE CHEMICALS AUST**
Address 6 Butcher St, Kwinana Beach, WA, 6167
Telephone (08) 9419 5577
Emergency 0414 586 164
Email sales@challengechemicals.com.au
Web Site www.challengechemicals.com.au

Synonym(s) DISINFECTANT LEMON •

Product Code(s) 140300; 140310

Use(s) DISINFECTANT AND GENERAL PURPOSE CLEANER
SDS Date 28 JANUARY 2026 – VERSION 1.1

2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of Safe Work Australia.

Signal Word
WARNING

Hazard Classifications
Serious Eye Damage/Irritation - Category 2A

Hazard Statements

H319	Causes serious eye irritation.

Prevention Precautionary Statements

P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash hands, face and all exposed skin thoroughly after handling.
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P362	Take off contaminated clothing and wash before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	If eye irritations persists. Seek medical advise.

Storage Precautionary Statement
Not allocated

Disposal Precautionary Statement
Not allocated

Poison Schedule: Not Applicable

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail” and the “New Zealand NZS5433: Transport of Dangerous Goods on Land”.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	63449-41-2	1 - 10%
WATER & NON HAZARDOUS INGREDIENTS	Not Available	TO 100%

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.

Fire and Explosion Non flammable. No fire or explosion hazard exists.

Extinguishing Non flammable. Prevent contamination of drains or waterways.

Hazchem Code None Allocated

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 labelled, 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 PROPERTI S

Appearance	YELLOW THIN LIQUID	**Solubility (Water)**	SOLUBLE
Odour	LEMON GRASS FRAGRANCE	**Specific Gravity**	0.98 - 1.02
Ph	8.5 – 9.5	**Volatiles**	>60% (Water)
Vapour Pressure	18mg Hg@ 20°C (Water)	**Flammability**	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	**Flash Point**	NOT RELEVANT
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 mildirritation.

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 commonlyused 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
Shipping Name None Allocated

UN No.	None allocated	**DG Class**	None Allocated	**Subsidiary Risk(s)**	None Allocated
Packing Group	None Allocated	**Hazchem Code**	None Allocated	**EPG**	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 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 and Challenge 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 and Challenge 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 and Challenge Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals and Challenge Chemicals directly. While Clean Plus Chemicals and Challenge 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 and Challenge 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.