

Safety Data Sheet

Lemongrass



1. Identification

Trade name of product	: Lemongrass
Other Shipping Name	: None allocated
Supplier Address	: Morrison CQ Agencies 2/32 Knight Street North Rockhampton QLD 4701 Australia
Supplier Contact Details	: Phone: 07 4926 2099, email: admin@mcqagencies.com.au
Emergency telephone number	: Poisons Information 131126
Material uses	: Cleaner, sanitiser, deodouriser
Product dilution information	: Use Dilution = 1:5 – 1:50
Date of issue	: 25 July 2022



2. Hazards identification

Product AS SOLD

NOT classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **HAZARDOUS** according to Safe Work Australia's GHS Criteria.

Hazard Category

Skin Irritation - Category 2

Eye Irritation - Category 2A



Signal Word: WARNING

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

Precautionary Statements:

Prevention:

Wash hands, face and all exposed skin thoroughly after handling.

Wear protective gloves and eye protection.

Response:

If medical advice is needed, have product container or label at hand.

IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see Section 4 on this SDS).

If skin irritation occurs: Get medical attention.

Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage: Store in accordance with local regulatory requirements.

Disposal: Dispose in accordance with local regulatory requirements.

General Phrases: Keep out of reach of children. Read carefully and follow all instructions.

Lemongrass

Product AT USE DILUTION

Not a hazardous substance or mixture according to Safe Work Australia's GHS Criteria.

3. Composition/information on ingredients

Product AS SOLD

Ingredient name	CAS number	Proportion %	TWA mg/m ³	STEL mg / m ³
Benzalkonium chloride	68424-85-1	1 - 5	None Allocated	None Allocated
Nonylphenol, ethoxylated	9016-45-9	1 - 5	None Allocated	None Allocated

Ingredients, determined not to be hazardous according to Safe Work Australia's criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

Product AT USE DILUTION

Ingredient name	CAS number	Proportion %	TWA mg/m ³	STEL mg / m ³
None Allocated	None Allocated	None Allocated	None Allocated	None Allocated

Ingredients, determined not to be hazardous according to Safe Work Australia's criteria, and not dangerous according to the ADG Code, make up the product concentration at 100%.

4. First-aid measures

Product AS SOLD and AT USE DILUTION

- Eye contact** : If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for 15 minutes. Seek medical attention if symptoms persist.
- Skin contact** : If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water for 15 minutes. Seek medical attention if symptoms persist.
- Inhalation** : Remove to fresh air and allow to assume most comfortable position. Remove contaminated clothing and loosen remaining clothing. Rest until fully recovered. Seek medical attention if symptoms persist.
- Ingestion** : Do NOT induce vomiting. Never give anything by the mouth to an unconscious person. Rinse mouth with water. If vomiting occurs, give further water. Seek medical attention if symptoms persist.
- Notes to physician** : Treat symptomatically.

5. Fire-fighting measures

- Extinguishing media** : If material is involved in a fire, use water fog (or fine water spray), alcohol-resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
- Specific Hazards arising from the chemical** : Non-combustible material.
- Special protective equipment and precautions for fire-fighters** : Non-combustible, however, following evaporation of aqueous component, residual material can burn if ignited. Fire-fighters to wear self-contained breathing apparatus in the event of a fire.
- Hazchem Code** : Not applicable

Product AT USE DILUTION

Use an extinguisher agent suitable for the surrounding fire.

No specific hazard.

Fire-fighters to wear self-contained breathing apparatus in the event of a fire.

Not applicable

6. Accidental release measures

Personal precautions	Product AS SOLD : For small spills ensure suitable equipment and PPE is used to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal. Dispose of waste in accordance with local regulations. For large spills, clear area of all unprotected personnel. The following PPE is recommended to reduce risk: safety glasses, chemical resistant shoes & gloves, long sleeves / trousers. Work up wind or increase ventilation. Contain and prevent run-off from entering drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.	Product AT USE DILUTION No special precautions necessary. For large spills, clear area of all unprotected personnel.
Environmental precautions	: Contain large spills/releases using appropriate bunding or capping. Prevent entry into drainage systems, sewers and waterways.	Contain large spills/releases using appropriate bunding or capping. Prevent entry into waterways.
Methods for cleaning up	: Spills may be slippery. Small spills use mop and bucket, for larger spills contain with absorbent material, collect and dispose of in accordance with local regulations..	Spills may be slippery. Small spills use mop and bucket, for larger spills contain, collect and dispose of in accordance with local regulations.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling	Product AS SOLD and AT USE DILUTION : Avoid skin and eye contact. Use clean dispensing equipment, use appropriate PPE, always add product to water when diluting.
Storage	: Store in a cool, dry, well ventilated place. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store in original containers whenever possible. Do not store in metal containers without prior approval. Check container compatibility before transfer. Keep containers closed when not in use - check regularly for leaks. Ensure good housekeeping in storage area.

8. Exposure controls/personal protection

Occupational exposure limits	Product AS SOLD : No value assigned for this specific material by Safe Work Australia. Values for specific hazardous ingredients (if available) are listed in section 3.	Product AT USE DILUTION No information available on the product itself. Values for specific hazardous ingredients (if available) are listed in section 3.
Engineering measures	: Use sensible work practices that reduce operator exposure to the product.	Use sensible work practices that reduce operator exposure to the product.

Lemongrass

Ensure that adequate natural ventilation is provided and air is moving constantly in the area. Keep containers closed when not in use.

Ensure that adequate ventilation is provided.
Keep containers closed when not in use.

Personal Protection

Eyes	:	Safety glasses
Hands	:	Chemical-resistant gloves
Respiratory	:	If an inhalation risk exists, wear a suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Skin	:	Long sleeves/trousers/chemical-resistant boots.

PPE is not required for dilute solutions, however the following may be considered to reduce risk.

Safety glasses
Chemical-resistant gloves
No PPE required for normal use.

Long sleeves/trousers

9. Physical and chemical properties

	Product AS SOLD
Physical state	: Liquid
Colour	: Yellow
Odour	: Lemon
pH	: 6.5 – 7.5
Flash point (°C)	: NA
Boiling point (°C)	: >100°C
Specific Gravity (g/ml @ 25°C)	: 1.00 – 1.02
Solubility in water	: Completely soluble in water

Product AT USE DILUTION

Liquid
Yellow
Lemon
6.5 – 7.5
NA
>100°C
1.00 (approx.)
Absolute

10. Stability and reactivity

	Product AS SOLD and AT USE DILUTION
Reactivity	: No known hazardous reactions.
Stability	: This material is thermally stable when stored and used as directed.
Possibility of Hazardous Reactions	: No known hazardous reactions.
Conditions to Avoid	: Elevated temperatures and sources of ignition.
Incompatible Materials	: Oxidising agents

11. Toxicological information

Potential acute health effects

No acute health effects expected if the product is handled in accordance with instructions provided by the manufacturer. Symptoms that may result if the product is mishandled or if overexposure occurs include:

	Product AS SOLD
Ingestion	: May cause nausea, vomiting and irritation to the gastrointestinal tract.
Skin	: Contact with skin will result in irritation.
Eye	: Contact with the eye/s will cause eye irritation.
Inhalation:	: Inhalation may cause irritation to mucous membranes and the respiratory tract.

Product AT USE DILUTION

Minor irritation and discomfort only.
Prolonged contact may lead to skin conditions.
May cause minor irritation, reddening of eyes.
Inhalation may cause irritation to the mucous membranes and the respiratory tract.

Lemongrass

12. Ecological information

Product AS SOLD and AT USE DILUTION

Ecotoxicity data

- Persistence/degradability** : No information available
- Mobility in Soil** : No information available
- Other adverse effects** : This material has been classified as non-hazardous for acute aquatic exposure. Acute toxicity estimate (based on ingredients): > 100 mg/L
This material has been classified as non-hazardous for chronic aquatic exposure. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available or in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

13. Disposal considerations

- Methods of disposal** : **Product AS SOLD**
Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protective equipment is used (see Section 8 of this SDS). If possible, this material and its container should be recycled. If material or container cannot be recycled, dispose of in accordance with local, regional, national and international regulations.
- Product AT USE DILUTION**
Dispose of contents and container in accordance with local regulations.

14. Transport information

Product AS SOLD and AT USE DILUTION

Regulation	UN Number	Proper shipping name	Class	Packing group	Additional information
ADG	None Allocated	None Allocated	None Allocated	None Allocated	None Allocated

15. Regulatory information

Product AS SOLD

NOT classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **HAZARDOUS** according to Safe Work Australia's GHS Criteria.

This material is **NOT a Scheduled Poison** according to the SUSMP.

All ingredients are listed on AICS.

Hazard Category

Skin Corrosion/Irritation - Category 2

Eye Damage/Irritation - Category 2A

Lemongrass

Signal Word: WARNING

Hazard Statements:

Causes skin irritation. Causes serious eye irritation.

Precautionary Statements:

Prevention:

Wash hands, face and all exposed skin thoroughly after handling. Wear protective gloves and eye protection.

Response:

If medical advice is needed, have product container or label at hand.

IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see Section 4 on this SDS).

If skin irritation occurs: Get medical attention.

Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

Continue rinsing. If eye irritation persists: Get medical attention.

Storage: Store in accordance with local regulatory requirements.

Disposal: Dispose in accordance with local regulatory requirements.

General Phrases: Keep out of reach of children. Read carefully and follow all instructions.

Product AT USE DILUTION

Classified as **NON DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **NON-HAZARDOUS** according to Safe Work Australia's GHS Criteria.

This material is **NOT a SCHEDULED POISON** according to the SUSMP.

16. Other information

Literature References : Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Workplace exposure standards, Safe Work Australia.
Hazardous Sunstances/Chemicals Information System, Safe Work Australia.
Globally Harmonised System of classification and labelling of chemicals.
Raw material suppliers' SDS

Traffic Light System

Traffic Light	Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition) (ADG7)	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) as adopted by Work, Health and Safety regulations, Australia.	Notes
RED	✓	✓	PLUS products that are NOT Classified as Dangerous Goods according to ADG7, but classified as Corrosive to eyes and skin and/or Aspiration Hazard Category 1 and/or Toxic to humans according to the GHS as adopted by Work, Health and Safety regulations, Australia

Lemongrass

AMBER	x	✓	EXCLUDING products that are classified as Corrosive to eyes and skin and/or Aspiration Hazard Category 1 and/or Toxic to humans according to the GHS as adopted by Work, Health and Safety regulations, Australia
GREEN	x	x	

Prepared by : Australian Chemical Services Pty Ltd (0411 863 178)

Reason for review : New formula.

This Safety Data Sheet is the first issue under the direction of the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS. The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SAFETY DATA SHEET