

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Lemon Disinfectant

**Recommended Use:** cleaning of hard surfaces.

**Supplier:** Midland Chemicals  
**ABN:** 91 622 018 986

**Street Address:** 18 Elliott Street  
Midvale  
Western Australia

**Telephone Number:** +61 08 9274 1992

**Poisons Information Centre:** 131 126 Australia

## 2. HAZARDS IDENTIFICATION

Based on available information, classified as HAZARDOUS according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### Classification

Skin Corrosion/Irritation Category 2  
Serious Eye damage/irritation Category 1

### Pictogram



### Hazard Statements

H315 Causes skin irritation.  
H318 Causes serious eye damage.

### Precautionary Statements

#### Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Response

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see advice on this label).

P362 Take off contaminated clothing and wash before reuse

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Benzyl C12-16-alkyldimethylammonium chloride	68424-85-1	5%	
Ethoxylated Alcohols	68439-50-9	<5%	
Ingredients determined not to be hazardous including water.		Up to 100%	

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

**Inhalation:** If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

**Skin Contact:** If skin contact occurs:  
Immediately remove all contaminated clothing, including footwear.  
Flush skin and hair with running water (and soap if available).  
Seek medical attention in event of irritation.

**Eye Contact:** If this product comes in contact with the eyes:  
Immediately hold eyelids apart and flush the eye continuously with running water.  
Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.  
Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.  
Transport to hospital or doctor without delay.  
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Ingestion:** Do not induce vomiting. Wash out mouth thoroughly with water. If Symptoms persist seek medical attention.

**Medical attention and special treatment:**  
Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Hazards from combustion products:**  
Non-combustible material.

**Precautions for fire fighters and special protective equipment:**  
Fire fighters should wear Self-contained breathing apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapour or fumes. Water spray maybe used to cool down heat exposed containers.

**Suitable Extinguishing Media:**  
If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

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## 6. ACCIDENTAL RELEASE MEASURES

### Emergency procedures:

Slippery when spilt – avoid accidents. Wear protective clothing to minimise skin and eye exposure. If possible contain large spills, absorb with inert absorbent such as sand, soil or vermiculite and place in suitable, labelled containers. Mop up material and place into the same container. Hose down residues or minor spills with excess water. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## 7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

### Conditions for safe storage:

Store in a cool, dry, well ventilated area, out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.

### Precautions for safe handling:

Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.  
DO NOT allow clothing wet with material to stay in contact with skin.  
Wear protective clothing when risk of exposure occurs.  
Use in a well-ventilated area.  
Prevent concentration in hollows and sumps.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

No exposure standards have been established for this material by Safe Work Australia. However, over exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels. As with all chemicals, exposure should be kept to the lowest possible levels.

### Engineering controls:

No special engineering controls required. Industrial Applications: Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

### Personal Protective Equipment:

Respiratory Protection: Not required under normal conditions of use. Industrial Applications: reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory protective devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection: Avoid eye contact. Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with AS/NZS 1337.

Hand Protection: Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1:Occupational protective gloves selection, use and maintenance.

Body protection: For industrial use wear suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Colour:** Yellow Translucent  
**Solubility:** Miscible in water.  
**Specific Gravity:** Not Available  
**Relative Vapour Density (air=1):** Not available  
**Vapour Pressure (20 °C):** Not available  
**Flash Point (°C):** Not applicable  
**Flammability Limits (%):** Not applicable  
**Auto Ignition Temperature (°C):** Not applicable  
**Boiling Point/Range (°C):** Not applicable  
**pH: 7 @ 1% solution**

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**Conditions to avoid:** Extremes of temperature and direct sunlight.

**Incompatible materials:** Strong oxidising agents.

**Hazardous decomposition products:** Thermal decomposition may result in the release of toxic and/or irritating fumes.

**Hazardous reactions:** None known.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Eye contact:** Causes eye irritation, tearing, stinging and redness.

**Skin contact:** Contact with skin may result in irritation.

**Inhalation:** Material may be an irritant to mucous membranes and respiratory tract.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways with heavy concentration.

**Persistence and degradability** Not available.

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## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. Or refilled at Big Bubble in Midvale.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

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P362 Take off contaminated clothing and wash before reuse

## 16. OTHER INFORMATION

This material safety data sheet has been prepared by Midland Chemicals

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Midland Chemicals control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.