

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Disinfectant Lemon Heavy Duty

**Recommended Use:** Cleaning and Sanitising in one operation for removal of protein, mould, bacteria, in bathrooms, toilets, drains, showers. Read label for usage instructions.

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

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

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

**Facsimile:** +61 08 9250 1710

**Emergency Telephone:** **1 800 033 111 (ALL HOURS)**

## 2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.

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.

**Risk Phrases:** Harmful if swallowed. Risk of damage to eyes.

**Safety Phrases:** Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

**Poisons Schedule:** N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Dye Food Grade		<0.001%	
Fragrance		<0.3%	
Biodegradable Surfactants	160875-66-1	<5%	
Biodegradable Quaternary Ammonium Compound	68424-85-1	<8%	
Water		Up to 100%	

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## 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:**

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

### **Skin Contact:**

If spilt on large areas of skin or hair, immediately drench with running water and remove clothing. Continue to wash skin and hair with plenty of water (and soap if material is insoluble) until advised to stop by the Poisons Information Centre or a Doctor. Seek immediate medical assistance.

### **Eye Contact:**

Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. Seek medical assistance.

### **Ingestion:**

Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. If vomiting occurs give further water. Seek immediate medical assistance.

### **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 to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition. Keep containers cool with water spray.

### **Suitable Extinguishing Media:**

Not combustible, however, if material is involved in a fire, use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

### **Emergency procedures:**

Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

### **Methods and materials for containment and clean up:**

Wear protective equipment to prevent skin and eye contact and breathing in vapours. Slippery when spilt. Avoid accidents, clean up immediately. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

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## 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 place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

**Precautions for safe handling:**

Avoid skin and eye contact, and breathing in vapour, mists, and aerosols.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission.

**Engineering controls:**

Use in well ventilated areas. Keep containers closed when not in use.

**Personal Protective Equipment:**

Wear gloves, eye glasses or goggles, and for prolonged period use approved mask.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Clear Liquid

**Colour:** Yellow

**Solubility:** Miscible in water.

**Specific Gravity:** 1.00

**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):** ca. 100°C

**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:** None known.

**Incompatible materials:** Incompatible with strong oxidising agents.

**Hazardous decomposition products:** None known

**Hazardous reactions:** None known.

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## 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, diarrhoea, if swallowed in large amounts.

**Eye contact:** Eye irritant.

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

**Inhalation:** Breathing in mists or aerosols may produce respiratory irritation. Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

**Long Term Effects:** No information available for the product.

**Toxicological Data:** No LD50 data available for the product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways.

**Persistence/degradability and mobility** The material is biodegradable.

## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods:**

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

## 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.

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## 15. REGULATORY INFORMATION

**Classification:** Based on available information, not classified as hazardous according to criteria of ASCC; NONHAZARDOUS SUBSTANCE.

**Hazard Category:**

**Risk Phrase(s):** R22: Harmful if swallowed.  
R36: Irritating to eyes

**Safety Phrase(s):** S25: Avoid contact with eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

**Poisons Schedule:** N/A

## 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. Since Midland Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Midland Chemicals at the contact details on page 1.

Midland Chemical's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.