



MATERIAL SAFETY DATA SHEET

Product Name: Lemon Disinfectant

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This revision issued: July, 2007

Section 1 - Identification of Chemical Product and Company

Osher Blue
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Substance: Lemon Disinfectant
Trade Name: Disinfectant – Lemon Commercial Grade
Product Use: General Disinfectant
Creation Date: July, 2007

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Non-hazardous according to the criteria of NOHSC Australia.

Non-dangerous according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: N/A

Safety Phrases: N/A, but keep out of reach of children.

SUSDP Classification: N/A

ADG Classification: N/A

UN Number: N/A

Emergency Overview

Physical Description & Colour: Yellow, thin liquid.

Odour: Sharp lemon fragrance.

Major Health Hazards: N/A.

Potential Health Effects

Inhalation

Short Term Exposure: Mild respiratory irritation.

Long Term Exposure: Mild respiratory irritation.

Skin Contact:

Short Term Exposure: Mild irritant.

Long Term Exposure: Mild irritant.

Eye Contact:

Short Term Exposure: Mildly irritating to eyes.

Long Term Exposure: May cause some discomfort and reddening of the eyes.

Ingestion:

Short Term Exposure: Irritant to mucous membranes.

Long Term Exposure: May cause abdominal pain and nausea.

Carcinogen Status:

NOHSC: No significant ingredient is classified as carcinogenic by NOHSC.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc,%	TWA (mg/m ³)	STEL (mg/m ³)
Alkyl dimethyl benzyl ammonium chloride	685424-85-1	1-10%	not set	not set

Minor quantities of other non hazardous ingredients are also possible.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Wash skin thoroughly with soap and water. If swelling, redness or irritation occurs seek medical advice

Eye Contact: No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards:	Not combustible. Extinguish with water, CO ² , foam or dry chemical.
Boiling Point:	Around 100° C
Flash point:	N/A
Upper Flammability Limit:	N/A
Lower Flammability Limit:	N/A
Autoignition temperature:	N/A
Flammability Class:	Non-flammable

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. Wear overalls, goggles and gloves. Absorb onto sand, vermiculite or other suitable absorbent material. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal.

Section 7 - Handling and Storage

Handling: Handle with care to ensure container does not rupture.

Storage: Safe to store with most products.

Section 8 - Exposure Controls and Personal Protection

No Exposure limits have not been established by NOHSC for this product.

No special equipment is usually needed when handling this product. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.

Eye Protection: Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

Skin Protection: You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

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Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Yellow thin liquid.
Odour:	Sharp lemon odour.
Boiling Point:	Typically 100°C at 100kPa
Freezing/Melting Point:	Around 0°C / Liquid at normal temperatures.
Volatiles:	N/A.
Vapour Density:	No data.
Specific Gravity:	Typically 1.00±0.01
Water Solubility:	Freely soluble.
pH:	8.5-9.5 @ 20°C.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Autoignition temp:	N/A

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: This product should be kept in a cool place.

Incompatibilities: N/A.

Fire Decomposition: N/A.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Toxicity: N/A.

Section 12 - Ecological Information

May cause long-term adverse effects to the aquatic environment if exposed to large concentrated amounts of this product.

Section 13 - Disposal Considerations

Disposal: This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable, consider controlled incineration, or landfill.

Section 14 - Transport Information

Hazchem Code: N/A

Special Provisions: N/A

Dangerous Goods Class: N/A.

Packaging Group: N/A

Packaging Method: N/A

Section 15 - Regulatory Information

AICS: This product is compliant with NICNAS regulations.

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Section 16 - Other Information

This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
CAS Number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOHSC	National Occupational Health and Safety Commission
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
UN Number	United Nations Number

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.