



# Material Safety Data Sheet

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Infosafe No™ 3JAH0	Issue Date : February 2011	ISSUED by JASOL
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Product Name **EC1 - CLEANER SANITISER (NZ)**

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**Product Name** EC1 - CLEANER SANITISER (NZ)  
**Product Code** EC1  
**Product Use** For general control on walls, floors, tables, benches, food processing equipment and in cold rooms and refrigerators.  
Cleaning:  
1. Use 50-100ml in 5 litres of warm to hot water and mop surfaces to be cleaned.  
2. Add 10ml to 750ml spray bottles for bench tops and similar hard surface cleaning.  
Sanitising:  
1. Use 125ml in 5 litres of warm to hot water and mop surfaces to be sanitised.  
2. Add 20ml to 750ml spray bottles for bench tops and similar hard surface sanitation.  
Rinse all food contacting surfaces with potable water after use.  
**Company Name** JASOL  
**Address** Building A, Level 1, 7-11 Talavera Road, North Ryde  
NSW 2113  
**Emergency Tel.** 1 800 629 953  
**Telephone** Tel: (02) 9815 7300  
**Number/Fax** Fax: (02) 9805 0152  
**Other Information** N.Z.: 159 Marua Road, Ellerslie 1005, Ph (09) 571 4385, Fx (09) 571 4388

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical** Liquid  
**Characterization**

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Water	7732-18-5	60-100 %
	Surfactants		10-30 %
	Other ingredients determined not to be hazardous	Not required	0-10 %
	DIDECYL DIMETHYLAMMONIUM CHLORIDE	7173-51-5	1-5 %

## 3. HAZARDS IDENTIFICATION

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.  
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

GHS Classification  
Acute Aquatic Hazard Category 2  
Respiratory Irritation Category 3  
Respiratory Sensitizer Category 1  
Serious Eye Damage Category 1  
Skin Corrosion/Irritation Category 2  
Skin Sensitizer Category 1

EMERGENCY OVERVIEW

HAZARD

DANGER

Determined using GHS/HSNO criteria:  
6.5A 6.5B 9.1B 6.3A 8.3A

May cause allergic or asthmatic symptoms or breathing difficulties if inhaled

May cause allergic skin reaction

Toxic to aquatic life

Causes skin irritation

Causes serious eye damage

PRECAUTIONARY STATEMENTS

Prevention



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Product Name **EC1 - CLEANER SANITISER (NZ)**

Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.  
In case of inadequate ventilation wear respiratory protection.  
Response  
IF ON SKIN: Wash with plenty of soap and water.  
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
If skin irritation or rash occurs: Get medical advice/attention.  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
Wash contaminated clothing before reuse.  
Storage  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

**Chronic Effects** Repeated skin contact with the concentrate may lead to dermatitic effects.  
**Inhalation** Aspiration (breathing in) of liquid spray or mist liable to cause severe irritation and damage to respiratory tract.  
**Ingestion** Quaternary ammonium salts are moderately toxic and corrosive. Irritant to throat and mucous membranes, may cause stomach pains, nausea and vomiting. When diluted as directed, may cause discomfort and nausea.  
**Skin** May cause burns on prolonged contact with the concentrate. When diluted as directed, may cause irritation on prolonged contact with skin.  
**Eye** Corrosive. May cause burns to the eyes. When diluted as directed, may cause irritation.  
**Other Information** LD50: Didecyl dimethyl ammonium chloride 84 mg/kg oral, rat  
Surfactant 3,000 mg/kg oral, mouse  
3,000 mg/kg skin, mouse

## 4. FIRST AID MEASURES

**Inhalation** Remove from exposure.  
**Ingestion** Rinse mouth with water. Do not induce vomiting. Give a glass of water or milk to be taken slowly. Seek medical advice.  
**Skin** If skin contact occurs, remove contaminated clothing and wash skin thoroughly.  
**Eye** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.  
**First Aid Facilities** Eye wash station and normal washroom facilities.  
**Advice to Doctor** Product contains a quaternary ammonium salt and detergent in mildly alkaline aqueous solution. Contact Poisons Information Centre.  
**Symptoms and Effects** No adverse health effects expected if the product is handled in accordance with this MSDS and the product label. Symptoms that may arise if the product is mishandled are as follows:

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.  
**Specific Hazards** Not flammable.  
**Flash Point** None  
**Flammability** Not flammable.

## 6. ACCIDENTAL RELEASE MEASURES



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**Spills & Disposal** Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. CARE! Spillages will be slippery. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.

## 7. HANDLING AND STORAGE

**Storage** Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep away from acids and oxidising agents. Prevent vapours from collecting in low lying or enclosed spaces. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Other Exposure Information** No value assigned by the National Occupational Health and Safety Commission (SafeWork Australia).

**Personal Protective Equipment** Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

Safety glasses, where risk of splashing exists

Gloves, rubber or plastic, when handling concentrate or in case of prolonged contact.

Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

**Eng. Controls** None required for normal use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear, orange, mobile, frothing liquid. No fragrance.

**Boiling Point** 100C

**Solubility in Water** Miscible at all concentrations

**Specific Gravity (H<sub>2</sub>O=1)** 1.1

**pH Value** 10-11

**Vapour Pressure** No data

**Flash Point** None

**Flammability** Not flammable.

## 10. STABILITY AND REACTIVITY

**Hazardous Decomposition Products** Water vapour, carbon dioxide, oxides of nitrogen, trace of hydrogen chloride.

## 11. TOXICOLOGICAL INFORMATION

**Toxicology Information** No toxicity information is available for this product.

**Inhalation** Aspiration (breathing in) of liquid spray or mist liable to cause severe irritation and damage to respiratory tract.

**Ingestion** Quaternary ammonium salts are moderately toxic and corrosive. Irritant to throat and mucous membranes, may cause stomach pains, nausea and vomiting. When diluted as directed, may cause discomfort and nausea.

**Skin** May cause burns on prolonged contact with the concentrate. When diluted as directed, may cause irritation on prolonged contact with skin.

**Eye** Corrosive. May cause burns to the eyes. When diluted as directed, may cause



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**Chronic Effects**      irritation.  
Repeated skin contact with the concentrate may lead to dermatitic effects.

## 12. ECOLOGICAL INFORMATION

Product is GECA (Good Environmental Choice Australia) certified. Product is based on readily biodegradable surfactants. Contains ingredients based on renewable resources i.e. plant based raw materials.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal**      Do not dump large quantities into biological treatment ponds. Laboratory data indicates that quaternary ammonium compounds are discharged steadily at low concentrations (<15mg/l), it may be expected that these salts can be degraded in sewage treatment plants by acclimatised organisms. Before discharging to sewer, contact local authority. Contact local Waste Disposal Authority before all major disposal problems.

## 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

## 15. REGULATORY INFORMATION

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. This substance should be managed in accordance with the requirements specified in the Cleaning Products (Subsidiary Hazard) Group Standard 2006, HSNO Approval Number HSR002530.

**Poisons Schedule**      Not Scheduled

## 16. OTHER INFORMATION

**Contact Person/Point**      The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.  
Contact Technical Manager in your state for more information.  
24-Hour Emergency Telephone: AUS: 1800 629 953    NZ: Poisons 0800 764 766, Spills 111 FIRE  
W.A. 131 Garling Street, O'Connor WA 6163, Ph. (08) 9337 4844, Fx (08) 9314 1099  
VIC. 41-45 Tarnard Drv, Braeside Vic 3195, Ph. (03) 9580 5722, Fx (03) 9580 9902  
S.A. 483-485 South Rd, Regency Park SA 5010, Ph (08) 8346 4322, Fx (08) 8346 4313  
QLD. Unit 1/22 Eastern Service Rd, Stapylton QLD 4207, Ph (07) 3380 8100, Fx (07) 3380 8199  
NSW. 9 Davis Road, Wetherill Park NSW 2164, Ph. (02) 9725 5511, Fx (02) 9725 5564  
N.Z. 159 Marua Road, Ellerslie 1005, Ph (09) 571 4385, Fx (09) 571 4388  
N.Z. 105 Rutherford Street, Christchurch, Ph (03) 384 4433, Fx (03) 384 4431  
**Signature of Preparer/Data Service**      Technical manager

**Uses and Restrictions**      The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

**Technical Contact Numbers**      NEW ZEALAND POISONS INFORMATION CENTRE 0800 POISON (0800 764 766)  
NZ EMERGENCY SERVICES: 111

**Poisons Schedule**      Not Scheduled

...End Of MSDS...

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