



# Material Safety Data Sheet

CS: 1.4.93

Infosafe No™ 3JAGZ Issue Date : January 2011 ISSUED by JASOL

Product Name **EC11 - TOILET BOWL CLEANER (NZ)**

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

**Product Name** EC11 - TOILET BOWL CLEANER (NZ)  
**Product Code** EC11  
**Product Use** Direct EC11 - TOILET BOWL CLEANER onto the urinal or toilet bowl paying particular attention to the hard to get areas. Apply sufficient EC11 - TOILET BOWL CLEANER so that the liquid runs into the trap or the bottom of the bowl. Allow to act, scrubbing with a toilet brush if necessary and flush.  
**Company Name** JASOL  
**Address** Building A, Level 1, 7-11 Talavera Road, North Ryde NSW 2113  
**Emergency Tel.** 1 800 629 953  
**Telephone Number/Fax** Tel: (02) 9815 7300 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 Characterization	Liquid		
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Water	7732-18-5	60-100 %
	Other ingredients determined not to be hazardous	Not required	0-10 %
	Non hazardous surfactants	Mixture	0-10 %
	Lactic acid	50-21-5	3 %
	Methanesulphonic acid	75-75-2	0-5 %

## 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 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:  
 6.3A 6.5A 6.5B 9.1B 8.3A  
 Causes skin irritation  
 May cause allergic or asthmatic symptoms or breathing difficulties if inhaled  
 May cause allergic skin reaction  
 Toxic to aquatic life  
 Causes serious eye damage  
 PRECAUTIONARY STATEMENTS  
 Prevention  
 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 Wash thoroughly after handling.  
 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.



# Material Safety Data Sheet

CS: 1.4.93

Page: 2 of 4

Infosafe No™ 3JAGZ      Issue Date : January 2011      ISSUED by JASOL

Product Name **EC11 - TOILET BOWL CLEANER (NZ)**

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.  
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.

**Chronic Effects** No prolonged or repeated exposure information is available for this product.  
**Inhalation** Unlikely route of exposure.  
**Ingestion** Ingestion can result in burning, pain in the mouth, throat and abdomen followed by vomiting and diarrhea. Mild toxicity.  
**Skin** May cause skin irritation in concentrated solution.  
**Eye** May cause burns. Irritative.

## 4. FIRST AID MEASURES

**Inhalation** Remove victim from exposure.  
**Ingestion** Rinse mouth with water. Do NOT induce vomiting. Give water to drink to be taken slowly. Seek immediate medical advice.  
**Skin** Remove heavily contaminated clothing. Wash affected area with copious quantities of water for at least 15 minutes. If irritation develops or persists seek medical advice.  
**Eye** Immediately irrigate with copious quantities of water for at least 15 minutes. Hold eyelids open. Seek medical attention.  
**First Aid Facilities** Eye wash station and normal washroom facilities.  
**Advice to Doctor** Treat symptomatically for acids (lactic and methanesulfonic acid).  
**Symptoms and Effects** No adverse health effects expected if the product is handled in accordance with this MSDS and the product label.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.  
**Specific Methods** Fire-fighters to wear self contained breathing apparatus and protective equipment. If safe to do so remove containers from path of fire.  
**Specific Hazards** Non-flammable liquid. However, flammable and explosive hydrogen gas may be formed on contact with metals.  
**Flash Point** None  
**Flammability** Non flammable.

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Wear protective equipment to prevent skin and eye contamination consisting of rubber gloves and safety goggles. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. Wash down area with excess water.

## 7. HANDLING AND STORAGE

**Storage** Store in cool place in sealed plastic containers. Store in a well ventilated area. Store away from oxidising agents and foodstuffs. Store away from sources of heat. Keep containers closed when not in use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Other Exposure Information** No value assigned by the National Occupational Health and Safety Commission (SafeWork Australia).  
**Personal Protective Equipment** Wear rubber gloves and waterproof footwear. Only mix product in plastic containers or buckets. If risk of splashes into eyes, wear safety glasses with side shields. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or



# Material Safety Data Sheet

CS: 1.4.93

Page: 3 of 4

Infosafe No™ 3JAGZ                      Issue Date : January 2011                      ISSUED by JASOL

Product Name **EC11 - TOILET BOWL CLEANER (NZ)**

**Eng. Controls**                      using the toilet.  
In very confined spaces have sufficient ventilation. Keep containers closed when not in use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**                      Clear blue liquid with pleasant fragrance. Water based. Acidic.  
**Solubility in Water**              Miscible at all concentrations.  
**Specific Gravity (H2O=1)**        1.0  
**pH Value**                          0.5 - 2.0  
**Flash Point**                        None  
**Flammability**                        Non flammable.

## 10. STABILITY AND REACTIVITY

**Hazardous Decomposition Products**              If involved in a fire, toxic fumes will be evolved.  
**Hazardous Reaction**              Contact with metals may produce hydrogen gas which is flammable. If splashing occurs rinse with water and wipe clean. Do not mix with bleaches, acids, or other cleaning solutions.

## 11. TOXICOLOGICAL INFORMATION

**Toxicology Information**              No toxicity information is available for this product.  
**Inhalation**                              Unlikely route of exposure.  
**Ingestion**                                Ingestion can result in burning, pain in the mouth, throat and abdomen followed by vomiting and diarrhea. Mild toxicity.  
**Skin**                                        May cause skin irritation in concentrated solution.  
**Eye**                                         May cause burns. Irritative.  
**Chronic Effects**                        No prolonged or repeated exposure information is available for this product.

## 12. ECOLOGICAL INFORMATION

This product does not contain phosphates. Product is GECA (Good Environmental Choice Australia) certified. Product is based on readily biodegradable surfactants.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal**                        Refer to Land Waste Management Authority in your State.

## 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.



# Material Safety Data Sheet

CS: 1.4.93

Page: 4 of 4

Infosafe No™ 3JAGZ

Issue Date : January 2011

ISSUED by JASOL

Product Name **EC11 - TOILET BOWL CLEANER (NZ)**

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  
Technical Manager

**Signature of  
Preparer/Data  
Service**

**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...

© Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.