



Material Safety Data Sheet

CS: 1.4.93

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

Product Name **EC16 - CROCKERY AND CUTLERY SOAKER (NZ)**

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

Product Name EC16 - CROCKERY AND CUTLERY SOAKER (NZ)
Product Code EC16
Product Use Use at a rate of 50g of EC16 - Crockery / Cutlery Soaker per 5L warm water. Once dissolved, add the articles to be cleaned and destined to the solution and leave until stains are removed. Rinse with clean water afterwards.
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 Characterization	Solid		
Ingredients	Name	CAS	Proportion
	Sodium carbonate	497-19-8	10-30 %
	Sodium percarbonate	15630-89-4	10-30 %
	Ingredients determined not to be hazardous		10-30 %
	Alkaline Salts		10-30 %
	Non hazardous surfactants	Mixture	0-10 %

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 Toxicity (Oral) Category 4
 Respiratory Irritation Category 3
 Serious Eye Damage Category 1
 Skin Corrosion/Irritation Category 2
 Skin Sensitizer Category 1
 EMERGENCY OVERVIEW
 HAZARD
 DANGER
 Determined using GHS/HSNO criteria:
 6.1D 6.3A 6.5B 8.3A
 Harmful if swallowed
 Causes skin irritation
 May cause allergic skin reaction
 Causes serious eye damage
 PRECAUTIONARY STATEMENTS
 Prevention
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Response
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact



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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.
Rinse mouth.
If skin irritation or rash occurs: Get medical advice/attention.
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 solid may lead to dermatitic effects.
Inhalation Dust inhaled will irritate the nose and respiratory system. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.
Ingestion Corrosive to mouth, throat. Likely to cause gastric upset, with nausea and vomiting.
Skin Will have a degreasing effect on the skin which may lead to irritation.
Eye Corrosive. Risk of corneal damage.
Other Information LD 50 : Alkaline salts 1,100 - 7,400 mg/kg oral, rat
LC 50 : Alkaline salts 2,300 mg/m³/2 hrs, rat

4. FIRST AID MEASURES

Inhalation Remove from exposure.
Ingestion If swallowed, do NOT induce vomiting. Give a glass of water to be taken slowly.
Skin If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before re-use.
Eye If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities Recommended: Eye wash. Hand wash basin.
Advice to Doctor Product contains sodium percarbonate, alkaline salts and surfactants. Vomiting has not been induced because of risk of aspiration into the lungs. 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.

5. FIRE FIGHTING MEASURES

Extinguishing Media Water, or as for other chemicals present.
Specific Methods In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
Specific Hazards Not a fire hazard. Mild oxidiser. May react vigorously with acids, generating carbon dioxide, a simple asphyxiant.
Hazardous Combustion Products Water vapour, carbon dioxide, oxides of nitrogen and sulphur.
Flash Point None.
Flammability Not flammable. Mild oxidiser.

6. ACCIDENTAL RELEASE MEASURES

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 may be slippery when wet. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water.

7. HANDLING AND STORAGE



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Storage Store in a dry, well ventilated place, out of reach of children. Store in original container. Keep container closed. Keep away from acids. Keep away from oxidising agents. Protect from physical damage. Clean up all spills promptly; avoid secondary accidents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment Avoid contact with the skin and eyes. Avoid breathing the dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-
Dust mask
Safety glasses
Gloves, rubber or plastic
Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

Eng. Controls Consider local mechanical exhaust/extraction if dust risk exists.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance White, granular powder.

Melting Point No data.

Solubility in Water Soluble in water.

pH Value 10.8 - 11.2 (1% solution)

Vapour Pressure None

Flash Point None.

Flammability Not flammable. Mild oxidiser.

Other Information Alkaline mixture. Will react vigorously with acids, generating carbon dioxide, a simple asphyxiant. Mild oxidiser. May react with strong oxidising agents. May become sticky in moist air.

10. STABILITY AND REACTIVITY

Stability When dissolved in water, oxygen will be generated from the sodium percarbonate ingredient.

11. TOXICOLOGICAL INFORMATION

Inhalation Dust inhaled will irritate the nose and respiratory system. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.

Ingestion Corrosive to mouth, throat. Likely to cause gastric upset, with nausea and vomiting.

Skin Will have a degreasing effect on the skin which may lead to irritation.

Eye Corrosive. Risk of corneal damage.

Chronic Effects Repeated skin contact with the solid may lead to dermatitic effects.

12. ECOLOGICAL INFORMATION

Product is GECA (Good Environmental Choice Australia) certified. Product is based on readily biodegradable surfactants. Contains no phosphates.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Land fill, sewer (small quantities). 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

Risk Phrase Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.

R36/38 Irritating to eyes and skin.



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Safety Phrase	S2 Keep out of reach of children. S22 Do not breathe dust. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S45 In case of accident or if you feel unwell seek medical advice immediately
Poisons Schedule	Not Scheduled
Hazard Category	Irritant

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 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
Hazard Category	Irritant ...End Of MSDS...

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