



Material Safety Data Sheet

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

Product Name **EC13 - AUTOFEED WAREWASHING DETERGENT (NZ)**

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

Product Name EC13 - AUTOFEED WAREWASHING DETERGENT (NZ)
Product Code EC13
Product Use EC13 - Automatic Warewashing Detergent is made specifically for use in industrial spray washers and dishwashing machines. It must not be used for washing pots by hand.
EC13 - Automatic Warewashing Detergent should be dispensed through Jasol electronic dosing equipment for maximum use cost benefits and optimum results
EC13 - Automatic Warewashing Detergent should be added to machines at a rate of 2-4 ml per litre of water used depending on soil load and water hardness.
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
Ingredients

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Water	7732-18-5	60-100 %
Ingredients determined not to be hazardous		10-30 %
Alkaline Salts		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
Serious Eye Damage Category 1
Skin Corrosion/Irritation Category 1C
EMERGENCY OVERVIEW
HAZARD
DANGER
Determined using GHS/HSNO criteria:
8.2C 8.3A
Causes severe skin burns and eye damage
Causes serious eye damage
PRECAUTIONARY STATEMENTS
Prevention
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Response
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.
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 lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
Wash contaminated clothing before reuse.
Storage



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Chronic Effects	Store locked up. Irritant dermatitis may result from frequent skin contact with the material. Low systemic toxicity.
Inhalation	Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.
Ingestion	Irritant to mouth, throat. Likely to cause gastric upset, with nausea and vomiting.
Skin	Alkaline material, irritant to skin.
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/m ³ /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 alkaline salts. 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. May react vigorously with acids, generating carbon dioxide, a simple asphyxiant.
Hazardous Combustion Products	Water vapour, carbon dioxide, oxides of nitrogen.
Flash Point	None.
Flammability	Not flammable.

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.
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7. HANDLING AND STORAGE

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.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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:-
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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 None for normal domestic use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear mobile liquid, no odour.
Odour No odour.
Solubility in Water Miscible in water in all proportions.
Specific Gravity (H₂O=1) 1.1
pH Value 12.5
Flash Point None.
Flammability Not flammable.

10. STABILITY AND REACTIVITY

Stability Product is chemically stable.

11. TOXICOLOGICAL INFORMATION

Inhalation Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.
Ingestion Irritant to mouth, throat. Likely to cause gastric upset, with nausea and vomiting.
Skin Alkaline material, irritant to skin.
Eye Corrosive. Risk of corneal damage.
Chronic Effects Irritant dermatitis may result from frequent skin contact with the material. Low systemic toxicity.

12. ECOLOGICAL INFORMATION

Product is GECA (Good Environmental Choice Australia) certified. Product is based on silicates and readily biodegradable chelating agents.

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

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 (Corrosive) Group Standard 2006, HSNO Approval Number HSR002526.

Poisons Schedule S5

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,



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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

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...End Of MSDS...

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