



Material Safety Data Sheet

CS: 1.4.93

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

Product Name **EC0 - MANUAL WASHING UP DETERGENT (NZ)**

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

Product Name EC0 - MANUAL WASHING UP DETERGENT (NZ)
Product Code EC0/NZ
Product Use Use as a sink dishwashing detergent and as a general purpose detergent at the rate of 1-3mL per litre of water depending on the degree of soiling.
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 | Name | CAS | Proportion |
|--------------------|--|------------|-------------------|
| | Water | 7732-18-5 | 60-100 % |
| | Ingredients determined not to be hazardous | | 0-10 % |
| | Non hazardous surfactants | Mixture | 10-30 % |

3. HAZARDS IDENTIFICATION

Not Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

Chronic Effects Repeated skin contact may lead to defatting of skin.

Inhalation An unlikely route owing to the non-volatile nature of ingredients. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.

Ingestion May cause gastric upset with nausea and vomiting.

Skin Will have a degreasing effect on the skin. Prolonged contact with the concentrate may cause irritation.

Eye Irritant.

Other Information LD50 Mixed surfactants: 2000-2700mg/kg oral, rat.

4. FIRST AID MEASURES

Inhalation Remove from exposure.

Ingestion Do NOT induce vomiting. Give a glass of water to be taken slowly.

Skin When handling industrial quantities, 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 is a dilute aqueous solution of mixed 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 Use extinguishing media appropriate to surrounding fire.

Specific Methods In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.



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| | |
|--------------------------------------|---|
| Specific Hazards | Not a fire hazard. Not an explosion hazard. |
| Hazardous Combustion Products | Water vapour, carbon dioxide, oxides of nitrogen and sulphur. |
| 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 will be very 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. |
|------------------------------|--|

7. HANDLING AND STORAGE

| | |
|----------------|---|
| Storage | Store out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents. |
|----------------|---|

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:- Safety glasses where risk of splashing of concentrate exists; Gloves, rubber or plastic, when exposed to solutions for prolonged periods; For normal use as a sink dishwashing detergent, no PPE required. 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 use. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------|---|
| Appearance | Pink medium viscous liquid, no fragrance. |
| Odour | No fragrance. |
| Boiling Point | approx. 100C |
| Solubility in Water | Soluble in water in all proportions. |
| Specific Gravity (H2O=1) | 1.0 |
| pH Value | 6-7 |
| Vapour Pressure | 23 hPa @ 20 °C |
| Flash Point | None |
| Flammability | Not flammable. |

10. STABILITY AND REACTIVITY

| | |
|------------------|-------------------------------|
| Stability | Product is chemically stable. |
|------------------|-------------------------------|

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------|--|
| Inhalation | An unlikely route owing to the non-volatile nature of ingredients. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis. |
|-------------------|--|



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Ingestion May cause gastric upset with nausea and vomiting.
Skin Will have a degreasing effect on the skin. Prolonged contact with the concentrate may cause irritation.
Eye Irritant.
Chronic Effects Repeated skin contact may lead to defatting of skin.

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 Land fill, incineration, 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

Poisons Schedule Not Scheduled
Not Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

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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