



Material Safety Data Sheet

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Infosafe No™ 3JAH2 Issue Date : February 2011 ISSUED by JASOL

Product Name **EC3 - FLOOR CLEANER DEGREASER (NZ)**

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

Product Name EC3 - FLOOR CLEANER DEGREASER (NZ)
Product Code EC3
Product Use For heavy soils, grease oil etc. dilute EC3 - Floor Cleaner Degreaser 1 to 6 with water. For general cleaning dilute 1 to 20 with water. Apply by cloth, mop or atomiser, rinse with fresh water. For light duty cleaning of spray on wipe off applications dilute 1 to 50 with water.
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	Ingredients		
Liquid	Name	CAS	Proportion
	Water	7732-18-5	60-100 %
	Ingredients determined not to be hazardous		0-10 %
	Alkaline Salts		0-5 %
	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
 Eye Irritation Category 2A
 Skin Corrosion/Irritation Category 2
 EMERGENCY OVERVIEW
 HAZARD
 WARNING
 Determined using GHS/HSNO criteria:
 6.3A 6.4A
 Causes skin irritation
 Causes serious eye irritation
 PRECAUTIONARY STATEMENTS
 Prevention
 Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Response
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
Inhalation Vapour is irritant to mucous membranes and respiratory tract.
Ingestion May irritate throat and gastrointestinal tract. May cause gastric upset.
Skin Will have a strong degreasing effect on the skin. May cause irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Eye Moderate irritant. If contact is prolonged, may cause tissue injury. Vapour can also irritate the eyes.
Other Information LD50 Mixed surfactants: 1800-3400mg/kg oral, rat.

4. FIRST AID MEASURES



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Inhalation	Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.
Ingestion	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.
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 <10% glycoethers in aqueous solution. Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.
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.
Specific Hazards	Not a fire hazard. Not an explosion hazard.
Hazardous Combustion Products	Water vapour, carbon dioxide and oxides of nitrogen. Incomplete combustion may generate carbon monoxide.
Flash Point	None
Flammability	Not flammable.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance. Spillages will be very slippery. 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. If local regulations permit, wash down area with excess 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 vapour.
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7. HANDLING AND STORAGE

Storage	Store in cool place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment	Wear rubber or plastic gloves and eye protection. 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. If handling industrial quantities, consider local mechanical exhaust/extraction to keep airborne concentration below TLV.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown liquid with characteristic odour. Water based.
Odour	Slight fruity odour.
Boiling Point	100C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity (H2O=1)	1.0



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pH Value	12.0 - 12.5
Vapour Pressure	Not available.
Colour	Brown.
Flash Point	None
Flammability	Not flammable.

10. STABILITY AND REACTIVITY

Stability	Product is chemically stable.
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11. TOXICOLOGICAL INFORMATION

Inhalation	Vapour is irritant to mucous membranes and respiratory tract.
Ingestion	May irritate throat and gastrointestinal tract. May cause gastric upset.
Skin	Will have a strong degreasing effect on the skin. May cause irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Eye	Moderate irritant. If contact is prolonged, may cause tissue injury. Vapour can also irritate the eyes.

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.
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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.
Risk Phrase	R36/38 Irritating to eyes and skin.
Safety Phrase	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. 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
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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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