



Material Safety Data Sheet

CS: 1.4.93

Infosafe No™ 3JAH9 Issue Date : February 2011 ISSUED by JASOL

Product Name **EC38 - NEUTRAL FLOOR CLEANER (NZ)**

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

Product Name EC38 - NEUTRAL FLOOR CLEANER (NZ)
Product Code EC38
Product Use EC38 - Neutral Floor Cleaner can be used either manually with a mop or using a scrubber at the following rates:
1:80 - Light Duty Cleaning
1:20 - Medium Duty Cleaning
1:5-1:10 - Heavy Duty Cleaning
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 Liquid

| Ingredients | Name | CAS | Proportion |
|--------------------|--|------------|-------------------|
| | Ethanol | 64-17-5 | 0-10 % |
| | Water | 7732-18-5 | 60-100 % |
| | Ingredients determined not to be hazardous | | 0-10 % |
| | 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
Flammable Liquid Category 4
Skin Corrosion/Irritation Category 3
EMERGENCY OVERVIEW
HAZARD
WARNING
Determined using GHS/HSNO criteria:
3.1D 6.3B 6.4A
Combustible Liquid
Causes mild skin irritation
Causes serious eye irritation
PRECAUTIONARY STATEMENTS
Prevention
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
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 skin irritation occurs: Get medical advice/ attention.
If eye irritation persists: Get medical advice/attention.
Storage
Store in a well-ventilated place. Keep cool.
Chronic Effects Long term exposure to ethanol vapour may lead to symptoms of alcoholism. Ethanol is a central nervous system depressant.
Inhalation Spray/mist may irritate the respiratory system. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.



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|--------------------------|---|
| Ingestion | May irritate stomach and/or cause gastric upset. Ingestion of moderate quantities can lead to ethanol intoxication. |
| Skin | Will decrease the skin and may lead to irritation or dermatitic effects. |
| Eye | Mildly irritant if splashed into the eyes. High vapour concentrations may also irritate the eyes. |
| Other Information | LD50 Ethanol: 7060mg/kg oral, rat. LC50 Ethanol: 38mg/L |

4. FIRST AID MEASURES

| | |
|-----------------------------|--|
| Inhalation | Remove from exposure, rest and keep warm. In severe cases, or if exposure has been great, obtain 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 less than 10% each of methylated spirits and mixed detergent solution. Vomiting has not been induced because of risk of aspiration into the lungs. No specific antidote. 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 water or extinguishing media appropriate to surrounding fire. |
| Specific Methods | In case of small fire/explosion use water. In case of major emergency use PPE: as required for other chemicals present. |
| Specific Hazards | Not classified as a flammable liquid. |
| Hazardous Combustion Products | Water vapour, carbon dioxide. 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 and shut off all possible sources of ignition. 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. |
|------------------------------|---|

7. HANDLING AND STORAGE

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| Storage | Store in cool, well ventilated 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. Keep away from naked flames and other sources of heat. Do not allow vapours to collect in enclosed spaces. Take precautions against static discharge. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents. |
|----------------|--|

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| National Exposure Standards | Name | STEL | | TWA | | Footnote |
|-----------------------------|------|-------|-----|-------|-----|----------|
| | | mg/m3 | ppm | mg/m3 | ppm | |



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| | | | |
|--------------------------------------|--|------|-----------|
| Personal Protective Equipment | Ethanol Avoid contact with the skin and eyes. Avoid breathing the vapour. If risk of prolonged skin contact exists, then wear rubber gloves. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet. | 1000 | ACGIH TWA |
| Eng. Controls | None for normal domestic use, other than ensuring good ventilation. If handling industrial quantities, consider local mechanical exhaust/extraction (flameproof). Avoid spraying near naked flames. | | |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------|---|
| Appearance | Clear yellow liquid with fresh fragrance. Water based. Neutral. |
| Odour | Fresh lemon lime fragrance. |
| Boiling Point | > 90C |
| Solubility in Water | Miscible with water in all proportions. |
| Specific Gravity (H2O=1) | 1.0 |
| pH Value | 7-8 |
| Flash Point | None |
| Flammability | Not flammable. |

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------|---|
| Inhalation | Spray/mist may irritate the respiratory system. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis. |
| Ingestion | May irritate stomach and/or cause gastric upset. Ingestion of moderate quantities can lead to ethanol intoxication. |
| Skin | Will decrease the skin and may lead to irritation or dermatitic effects. |
| Eye | Mildly irritant if splashed into the eyes. High vapour concentrations may also irritate the eyes. |
| Chronic Effects | Long term exposure to ethanol vapour may lead to symptoms of alcoholism. Ethanol is a central nervous system depressant. |

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

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| 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 | 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 (Combustible) Group Standard 2006, HSNO Approval Number HSR002525. 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 |
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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

...End Of MSDS...

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