

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

RINSE AID

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Classified as **Hazardous** according to criteria of NOHSC¹ and not Dangerous Goods according to the ADG Code²

| | | | | | |
|-------------|----------------|--------------|----------------|-----------------|----------------|
| UN NO.....: | None allocated | D.G. Class.: | None allocated | Pack. Group...: | None allocated |
| HAZCHEM: | None allocated | SUB. RISK.: | None allocated | SUSDP.....: | None allocated |

PROPER SHIPPING NAME: None allocated

PRODUCT USE: Automatic dishwasher rinsing and drying aid.

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS No | Weight % |
|---------------------|---------------------------|----------|
| Surfactant | Not required ^a | 10-30 |
| Denaturated ethanol | 64-17-5 | 5-15 |
| Other ingredients | Not required ^a | <2 |
| Water | Not required | 60-80 |

^a Ingredients not classified as hazardous or below their relevant concentration cut-off levels.
See Section 8, Exposure Controls / Personal Protection

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.

4. FIRST AID MEASURES

Eyes: Immediately flush with water for 15 minutes. Get medical attention if irritation develops or persists.
Skin: Take off all contaminated clothing. Thoroughly wash contaminated area with water. Consult a physician if irritation develops or persists.
Inhalation: Remove to fresh air. If breathing difficulties occur give artificial respiration. Consult a

physician.
Ingestion: Rinse mouth. Give water to drink. Get prompt medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point Not applicable
Auto-ignition Temperature Not applicable
Lower Explosive Limit Not applicable
Upper Explosive Limit Not applicable

Suitable Extinguishing Media:

Use foam, water spray, CO₂ or dry powder as applicable to surrounding fire.

Protective Equipment for Fire Fighting:

Thermal decomposition can release hazardous fumes.

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Caution: Floor may be slippery. Provide sufficient ventilation. Wear personal protective equipment to prevent contact with skin and eyes.

Take up with inert absorbent material (sand, universal absorbent). Dispose of empty containers in accordance with federal, state and local laws.

7. HANDLING AND STORAGE

Wear personal protective equipment to prevent contact with skin and eyes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Information

| Ingredient | NOHSC ¹ | | | |
|---------------------|--------------------|----------------------|-------|----------------------|
| | TWA | | STEL | |
| | (ppm) | (mg/m ³) | (ppm) | (mg/m ³) |
| Surfactants | a | - | a | - |
| Denaturated ethanol | 1000 | - | a | - |

a = not listed

TWA = Time Weighted Average

STEL= Short term Exposure Limit

¹ National Occupational Health and Safety Commission (Australia)

Respiratory Protection

If vapours and mists occur, a respiratory protection program meeting Australian and New Zealand Standards AS/NZS 1716 and AS/NZS1715 requirements must be followed whenever workplace conditions warrant a respirator's use. None required if airborne concentrations are maintained below the exposure limit listed in "Exposure Limit Information"

Eye Protection

Use chemical splash goggles (Australian Standard AS-1337) or approved equivalent. Eye protection worn must be compatible with respiratory protection system employed.

Hand Protection

Impervious gloves.

Engineering Controls (Ventilation)

Use local exhaust ventilation sufficient to maintain exposure levels below exposure limit concentrations. Refer to Australian Standard AS-1668.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------------|--------------------|
| Appearance and colour | Blue |
| State | Liquid |
| Odour Characteristic | Characteristic |
| pH | 7-8 |
| Viscosity | Not specified |
| Specific Gravity (Water = 1) | ~0.95 |
| Vapour Density (Air = 1) | Not specified |
| Vapour Pressure | Not determined |
| Melting Point | Not specified |
| Boiling Point | Not specified |
| Solubility in Water | Completely soluble |
| Flash Point | Not applicable |

10. STABILITY AND REACTIVITY

Hazardous reactions

None known.

11. TOXICOLOGICAL INFORMATION

Acute Data

| | |
|-------------|---|
| Skin: | Irritating on repeated or prolonged contact. |
| Eyes: | Irritating to eyes. |
| Inhalation: | Slight to moderately irritating. |
| Ingestion: | Swallowing may cause irritation of the mucous membranes of the mouth, throat and gastrointestinal tract with pain, inflammation and vomiting. |

12. ECOLOGICAL INFORMATION

No available data for product.

13. DISPOSAL CONSIDERATIONS

Dispose of empty containers in accordance with federal, state and local laws.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code For The Transport Of Dangerous Goods By Road And Rail (Sixth Edition). See section 1.

15. REGULATORY INFORMATION

Labelling Requirements According to Criteria of NOHSC¹:

R36/38 Irritating to eyes and skin.

| | |
|-----------|---|
| S2 | Keep out of reach of children. |
| 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. |
| S36/37/39 | Wear suitable protective clothing, gloves and eye/face protection. |
| S46 | If swallowed, seek medical advice immediately and show this container or label. |
| S28 | After contact with skin, wash immediately with plenty of soap-suds. |

16. OTHER INFORMATION

¹ National Occupational Health and Safety Commission – Australia

² Australian Code For The Transport Of Dangerous Goods By Road And Rail (Sixth Edition).

The advice and information contained herein is based on the original raw material supplier's information. Green Dolphin Eucalip believes the information to be accurate and reliable as at the date supplied, but no representation, guarantee or warranty, expressed or implied, is made to the accuracy, reliability, or completeness of the advice and information. Green Dolphin Eucalip urges persons receiving this advice and information to make their own determination as to the advice and information's suitability and completeness for their own particular situation."

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