

# Material Safety Data Sheet

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### ORANGE CLEANER / DEGREASER

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DISTRIBUTED IN AUSTRALIA BY:  
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Poisons Information Centre Australia 13 1126

Classified as **Hazardous** according to criteria of NOHSC<sup>1</sup> and not Dangerous Goods according to the ADG Code<sup>2</sup>

<b>UN NO.....:</b>	None allocated	<b>D.G. Class.:</b>	None allocated	<b>Pack. Group...:</b>	None allocated
<b>HAZCHEM:</b>	None allocated	<b>SUB. RISK.:</b>	None allocated	<b>SUSDP.....:</b>	None allocated

**PROPER SHIPPING NAME:** None allocated

**PRODUCT USE:** Type C general-purpose cleaner/degreaser for use in areas of establishments where there are no prescribed goods.

#### NOTES ON PRODUCT USE:

This product is not to be used for direct application to prescribed goods and/or foodstuffs. Refer to label directions for further information.

Operators of registered establishments must:

- use chemical compounds that are approved by AQIS.
- store chemical compounds in a room set aside specifically for the purpose, and
- use chemical compounds in accordance with directions for use and any conditions specified in the AQIS approval.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No	Weight %
d-Limonene	5989-27-5	20-30
Solvent (Flash point >70°C)	Not required <sup>a</sup>	10-20
Surfactant	Not required <sup>a</sup>	10-20
Proprietary ingredients	Not required <sup>a</sup>	<5
Water	Not required	30-60

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

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### 3. HAZARDS IDENTIFICATION

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Irritating to eyes and skin.  
May cause sensitisation by skin contact.

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### 4. FIRST AID MEASURES

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**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 medical attention immediately.  
**First Aid Facilities:** Premises handling this material should be equipped with an eye wash facility.

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### 5. FIRE FIGHTING MEASURES

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Flash Point ..... Not determined  
Auto-ignition Temperature ..... Not determined  
Lower Explosive Limit ..... Not determined  
Upper Explosive Limit ..... Not determined

**Suitable Extinguishing Media:**

Use foam, water spray, CO<sub>2</sub> 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.

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### 6. ACCIDENTAL RELEASE MEASURES

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

Do not allow into drains or waterways. Take up with inert absorbent material (sand, universal absorbent).

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

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### 7. HANDLING AND STORAGE

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Wear personal protective equipment to prevent contact with skin and eyes. Do not breathe vapour/mist.

Keep containers tightly closed and store in a cool, well-ventilated area.

Store away from incompatible materials.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Exposure Limit Information**

Ingredient	NOHSC <sup>1</sup>			
	TWA		STEL	
	(ppm)	(mg/m <sup>3</sup> )	(ppm)	(mg/m <sup>3</sup> )
d-Limonene	a	-	a	-
Solvent (Flash point >70°C)	a	-	a	-
Surfactant	a	-	a	-

Proprietary ingredients	a	-	a	-
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a = not listed

TWA = Time Weighted Average

STEL= Short term Exposure Limit

<sup>1</sup> 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**

Nitrile, neoprene or other impervious gloves, and protective clothing as necessary to prevent skin contact.

### **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 .....	Clear, orange
State .....	Liquid
Odour Characteristic .....	Orange
pH .....	8-10
Viscosity .....	Not specified
Specific Gravity (Water = 1) .....	~ 0.9
Vapour Density (Air = 1) .....	Not specified
Vapour Pressure .....	Not determined
Melting Point .....	Not determined
Boiling Point .....	Not determined
Solubility in Water .....	Dispersible
Flash Point .....	Not applicable

## **10. STABILITY AND REACTIVITY**

Stable under normal conditions of use and handling. May react with strong alkalis and oxidizers.

## **11. TOXICOLOGICAL INFORMATION**

### **Acute Data**

Skin:	Irritating. May cause sensitisation by skin contact.
Eyes:	Irritating
Inhalation:	Expected to be irritating.
Ingestion:	Possibly harmful.

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicological Effects**

Harmful to aquatic organisms in undiluted form.

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## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

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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.

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## 15. REGULATORY INFORMATION

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Labelling Requirements According to Criteria of NOHSC<sup>1</sup>:

R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
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.
S28	After contact with skin, wash immediately with plenty of soap-suds.
S46	If swallowed, seek medical advice immediately and show this container or label.

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## 16. OTHER INFORMATION

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<sup>1</sup> National Occupational Health and Safety Commission – Australia

<sup>2</sup> 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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