



Austech Products

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PTY LTD

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MATERIAL SAFETY DATA SHEET

'ORANGE POWER' AIR FRESHENER - LIME

Document Reference	MSDS OPAIR-LIME	Revision Number	4
Date of Issue	3/07/2008	Page Number	1
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COMPANY DETAILS	
Company	Austech Products Pty Ltd
Address	PO Box 1033 Cleveland Qld 4163
Telephone Number	1800 061 801
Emergency Telephone Number	03 9752 0090, 07 3820 8888

STATEMENT OF HAZARDOUS NATURE
Hazardous according to criteria of Worksafe Australia

1. IDENTIFICATION

Product Name	'Orange Power' Air Freshener - LIME
Chemical Name	Mixture, predominantly d-limonene & Ethanol
Product Code	OPAIRLIME125
Trade Name	Cold pressed citrus oil
Dangerous Goods Class	3 Flammable Liquid
Packaging Group	III
Subsidiary Risk	None
EPG No.	3 A 1
Hazchem Code	3 (Y)
Poisons Schedule	S5 Hydrocarbons, liquid
Use	Air Freshener

Physical Description/Properties	
Appearance	Colourless to yellow/orange oily liquid
Boiling Point/Melting Point	177 °C
Melting Point	-74°C
Vapour Pressure	2.1Kpa @ 20°C
Volatiles	High
Odour	Smell of Citrus/Lime
Specific Gravity @ 20°C	844 - 850 g/L
Flash point	45°C
Flammability Limits	0.7 - 6.1%
Auto-ignition Temperature	235-255°C
Solubility in Water	insoluble
Other Properties	Soluble in ethanol, hydrocarbons and chlorinated solvents. Contact with oxidising agents may cause fire.

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Ingredients			
Chemical Name	UN Number	CAS Number	Proportion
Orange Oil (d-limonene)	2319	5989-27-5	> 30%
Lime Oil	2319		< 10%
Alcohol 100SGF2	1170		> 60%

2. HEALTH HAZARD INFORMATION

Health Effects	
Swallowed	Do not swallow. Large doses may be harmful. Low doses are reported to be non-harmful.
Eye	Liquid is an irritant. High vapour levels will irritate eyes.
Skin	Will have a degreasing effect which may lead to irritation. Reported to be absorbed directly through unbroken skin d-limonene is reported to cause skin allergy and subsequent sensitisation in some individuals.
Inhaled	Not usually an inhalation risk at normal temperatures. At elevated temperatures, high vapour levels will irritate the respiratory system.
Prolonged Exposure	Reported to lead to kidney damage. Reported as a sensitiser. Repeated skin contact may lead to dermatitic effects.

First Aid	
Swallowed	Do not induce vomiting - immediately give plenty of water to drink and seek medical attention
Eye	Immediately hold eye open and flush with water continuously for at least 15 minutes. If irritation persists seek medical attention.
Skin	Remove all contaminated clothing and wash affected area with plenty of soap and water. If irritation continues seek medical attention.
Inhaled	Remove from exposure.

Advice to Doctor	Treat Symptomatically
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3. SAFE HANDLING INFORMATION

Transport	Observe the requirements of the Australian Code for the Transport of Dangerous Goods by Road and Rail. Observe the requirements of the Dangerous Goods (Storage and Handling) Regulations, Victoria.
Storage	Store in a cool, well ventilated place, out of direct sunlight, out of reach of children. Large quantities should be stored in a bunded flammable store. Store in original container. Keep container tightly closed. Keep away from naked flames and other heat sources. Take precautions against static discharge. Keep away from oxidising agents. Prevent vapours from collecting in enclosed or low lying areas.
Spills & Disposals	Caution: spillage will be very slippery. Absorb on inert absorbent transfer to container and arrange removal. Wash site thoroughly with detergent and water. Ventilate area to dispel any residual liquid.
Fire/Explosion Hazard	Use foam, dry powder, carbon dioxide or vaporising liquid.
Emergency	Use foam and breathing apparatus.

CONTACT POINT	Austech Products P/L 1800 061 801
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