

# SAFETY DATA SHEET

2015

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## 1. Chemical Product and Company Identification

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Product Name: **Lavender oil**

Product Definition:

Recommended Use:

Company Name:

Company Address:

Email:

Phone:

Fax:

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## 2. Hazard Identification

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### NEW ZEALAND HAZARDOUS SUBSTANCES CLASSIFICATION:

This product has been classified as hazardous according to criteria in the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

HSNO Classifications: 3.1D, 6.1E (oral), 6.4A

### WARNING

Combustible liquid

May be harmful if swallowed

Causes eye irritation

### PREVENTION:

Keep away from flames and hot surfaces

Wash thoroughly after handling

Wear protective gloves and eye/face protection

Call a POISON CENTRE or doctor/physician if you feel unwell

### 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.

In case of fire: Use foam for extinction

### STORAGE:

Store in a well-ventilated place. Keep cool

### DISPOSAL:

Dispose of substance and packaging through a licensed waste contractor and in accordance with the Hazardous Substances (Disposal) Regulations 2001 and local bylaws.

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**3. Composition/ Information on Ingredients**

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	CAS No.	Proportion (%)	NZ Classification
Lavender Oil [Lavender, <i>Lavandula angustifolia</i> , ext.]	8000-28-0	100%	6.1E (oral), 6.4A

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**4. First Aid Measures**

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INGESTION:	Wash the mouth with water. If irritation persists, seek medical attention.
EYE CONTACT:	Rinse immediately with plenty of water for 10 minutes at least. Contact a physician if symptoms persist.
SKIN CONTACT:	Wash thoroughly with soap and water, flush with plenty of water. Contact physician if symptoms persist.
INHALATION:	Remove from exposure site to fresh air and keep at rest. If irritation persists, seek medical attention.
OTHER INFORMATION:	For advice, contact a Poisons Information Centre Phone 0800 764 766 or a doctor.

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**5. Fire Fighting Measures**

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SUITABLE EXTINGUISHING MEDIA:
Use whatever is suitable for surrounding materials.
SPECIFIC HAZARDS:
None identified
SPECIAL PRECAUTIONS FOR FIRE FIGHTING:
None

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**6. Accidental Release Measures**

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INDIVIDUAL PRECAUTIONS:
None necessary.
ENVIRONMENTAL PRECAUTIONS:
Do not discharge into drains, surface water, ground water.
CLEAN UP PROCEDURE:

Absorb onto inert, absorbent material and place material in a suitable container for disposal.

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## 7. Handling and Storage

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### HANDLING:

Observe good industrial hygiene practices. Wear gloves, eye protection and protective clothing.

### STORAGE:

Store in a cool, dry place in original packaging. Protect from direct heat sources. Do not freeze.

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## 8. Exposure Controls and Personal Protection

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NEW ZEALAND WORKPLACE EXPOSURE LIMITS (2013): None

### ENGINEERING MEASURES:

Ensure good ventilation of the workstation

### RESPIRATORY PROTECTION:

Avoid breathing fumes/mist/vapour/ spray from the product. Apply local ventilation when appropriate.

### HAND PROTECTION:

Avoid skin contact. Use protective gloves

### EYE PROTECTION:

Use safety glasses.

### WORK/HYGIENE PRACTICES:

Wash hands with soap and water after handling.

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## 9. Typical Physical and Chemical Properties

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PHYSICAL STATE:	Liquid
COLOUR:	Yellow
ODOUR:	Characteristic
ODOUR THRESHOLD:	Not available
pH:	Not available
MELTING POINT/FREEZING POINT:	Not available

INITIAL BOILING POINT AND BOILING RANGE:	Not available
FLASH POINT:	71°C
EVAPORATION RATE:	Not available
FLAMMABILITY (SOLID, GAS):	Not available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
SPECIFIC GRAVITY:	0.878 – 0.892
SOLUBILITY(IES):	Soluble in oils. Insoluble in water.
PARTITION COEFFICIENT: N-OCTANOL/WATER:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

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## 10. Stability and Reactivity

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### CONDITIONS TO AVOID:

Excessive heat or cold will degrade the product. No hazardous reactions identified.

### MATERIALS TO AVOID:

No information.

### HAZARDOUS DECOMPOSITION PRODUCTS:

If heated to high temperatures; smoke, soot and toxic fumes (carbon monoxide, carbon dioxide) may be produced.

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## 11. Toxicological Information

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### Information from open literature:

LD50, Rabbit: >5000mg/kg

LD50 Rat: 4250mg/kg

LD50 Guinea Pig: >5000mg/kg

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**12. Ecological Information**

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Canadian DSL reports: Not persistent or bioaccumulative.

Recommendation: Collect spillage and prevent entering waterways.

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**13. Disposal Considerations**

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Dispose of substance and packaging through a licensed waste contractor and in accordance with the Hazardous Substances (Disposal) Regulations 2001 and local bylaws.

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**14. Transport Information**

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Not regulated for transportation.

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**15. Regulatory Information**

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NEW ZEALAND:

The product is listed in CCID as Lavender oil with Approval Number HSR003368.

The product has been assigned to the: Food additives and fragrance materials (Combustible) Group Standard 2006.

HSNO Approval Number: HSR002574

A use restriction is applied to this substance: No person may use this substance as a pesticide, or veterinary medicine; however, this substance may be used in the formulation of a pesticide or veterinary medicine

This product does require an approved handler.

The product does not require tracking

This product may require secondary containment, a response plan and/or signage depending on the quantity stored on site. Refer to Food Additives and Fragrance Materials (Combustible) Group Standard 2006.

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**16. Other Information**

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The information provided in this Safety Data Sheet relates only to the specific material designated herein. The Company assumes no liability for any damages related to the use or misuse of this substance.

References: Group Standard Report for Lavender Oil dated 6 October 2014

SDS Created: 6 October 2014 Version 1

A use restriction is applied to this substance: No person may use this substance as a pesticide, or veterinary medicine; however, this substance may be used in the formulation of a pesticide or veterinary medicine.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.

The Company has compiled the information and recommendations contained in this Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject at the date quoted in section sixteen of the Safety Data Sheet. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine the environmental regulatory compliance obligations under any applicable New Zealand laws. In providing this disclaimer the company removes itself from any responsibility/liability of damages/harm caused by the information or lack thereof in this Safety Data Sheet document.

Abbreviations and acronyms

CAS: Chemical Abstracts Service

ERMA: Environmental Risk Management Authority

HSNO: Hazardous Substances and New Organisms Act 1996

NZIoC: New Zealand Inventory of Chemicals

TWA: Time weighted average

ECHA: European Chemicals Agency

LD50: Lethal Dose 50%