

# SAFETY DATA SHEET

Nature's Purity Lemon Oil

SDS DATE:05/01/2020

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Natures Purity Lemon Oil  
**SYNONYMS:** Citrus limonum oil  
**MANUFACTURER:** Beautyworld Pty Ltd  
**ADDRESS:** Unit 2 /33-35 Lundberg Dr, Murwillumbah, NSW, 2484 Australia  
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## SECTION 2: HAZARDS IDENTIFICATION

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### Hazardous Nature

This product is classified as hazardous under GHS for Australian criteria

### Hazardous Classification

Flammable Liquids: 3; Skin Corrosion/Irritation: 2; Serious eye damage/eye irritation:2A; Sensitisation ,skin :1:  
Aspiration Hazard :1

### Hazardous Statement

Flammable liquid and vapour , Danger

### Hazard Statements

H226: Flammable liquid and vapour  
H304: May be fatal if swallowed and enters airways  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation

### Precautionary Statements

P102: Keep out of reach of children.  
P403+235: Store in a well ventilated place. Keep cool  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P242: Use only non sparking tools.  
P243: Take precautionary measures against static discharges.  
P261 : Avoid breathing vapours  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective nitrile gloves and eye protection.  
P363 : Wash contaminated clothing before reuse.

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## SECTION 2: HAZARDS IDENTIFICATION ( cont)

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P301+P310 : If swallowed immediately call a Poison Information Centre ( Ph 13 1126) or a doctor.

P302+P352: If on skin: Wash with plenty of soap and water

P333+P313: If skin irritation or rash occurs get medical advice.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P337 + P313 : If eye irritation persists seek medical attention

P370+378: In case of fire use Water fog or fine mist spray for extinction.

P405: Store locked up.

P501: Dispose of contents/ container in accordance with local regulations.

### Dangerous Goods Classification 3

Poisons Schedule : Not regulated

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## SECTION 3: COMPOSITION

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Ingredient	CAS	Percentage
Citrus limonum oil	8008-56-8	100

Major components include Limonene (CAS 138-86-3 ) up to 80%, Pinenes ( CAS 80-56-8 and 127-91-3) up to 20% and Gamma Terpinene (CAS 99-85-4) up to 12%

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## SECTION 4: FIRST AID MEASURES

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**For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.**

### Ingestion

If swallowed, DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.

### Eye Contact

Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.

### Skin Contact

Flush area with large amounts of water and wash area with soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.

### Inhalation

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Seek immediate medical attention.

### First Aid facilities

Provide eye baths and safety showers.

### Medical Attention

Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis

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## SECTION 5: FIRE-FIGHTING MEASURES

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### Suitable extinguishing media

Water fog or fine spray mist

### Unsuitable extinguishing media

Water jet

### Hazards from combustion products

Carbon dioxide, carbon monoxide

### Precautions for fire fighters and special protective equipment

Fully self-contained breathing apparatus, overalls, and safety boots

**Hazchem Code:** •2Y

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### Emergency Procedures

Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum.

Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately. Material will spread on top of water surface.

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## SECTION 7: HANDLING AND STORAGE

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### Precautions for safe handling

This product is Flammable. Do not open near open flame, sources of heat or ignition. No smoking. Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Use grounding leads to avoid discharge (electrical spark). Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

### Conditions for safe storage

Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, heat or weld containers - residual vapours are combustible. This product will fuel a fire in progress.

### Incompatible materials

Painted surfaces, natural rubber, polystyrene, EDPM, neoprene

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### National Exposure Standards

None established.

### Emergency Procedures

### Biological limit values

None established

### Engineering Controls: Ventilation

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION ( Cont)

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### Personal Protective Equipment

**Respiratory Protection:** It is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

**Eye Protection:** Always use safety glasses or a face shield when handling this product.

**Skin/ Body Protection:** Always wear long sleeves and long trousers or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves (e.g. PVC) be worn when handling this product.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Property	Unit of Measurement	Value
Appearance	Visual	Clear to yellow liquid
Boiling Point/ Range	°C	From 175
Flash Point	°C	48
Density @ 15°C	g/ml	0.84
Vapour Pressure @ 20°C	mmHg	Not established
Explosive Limits (LEL - UEL)	%	Not established
Vapour Density @ 20°C	kPa	Not available
Autoignition Temperature	°C	Not established
Viscosity @ 20°C	cSt	Not available
Solubility with Water	% w/w	Immiscible

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## SECTION 10: STABILITY AND REACTIVITY

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### Chemical Stability

Stable at room temperature and pressure

### Conditions to avoid

Sources of heat and ignition, open flames.

### Hazardous decomposition products

Carbon oxides on burning

### Hazardous reactions

Strong oxidising agents, strong alkalis and strong mineral acids and bromine.

### Hazardous Polymerisation

Will not occur

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## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Effects

#### *Ingestion*

May be fatal if swallowed and enters airways..

#### *Eye Contact*

Liquid may cause moderate to severe eye irritation and corneal damage.

#### *Skin Contact*

Brief contact may cause mild irritation. Prolonged or repeated exposure may cause skin sensitization and increase sensitivity to sunlight.

#### *Inhalation*

No adverse effects due to inhalation are expected.

### Chronic Effects

Repeated or prolonged skin contact with the liquid may cause irritant contact dermatitis.

### Other Health Effects Information

Aspiration may cause pulmonary edema and pneumonitis.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects

## SECTION 13: DISPOSAL CONSIDERATIONS

### Disposal Methods

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.

### Special Precautions for Landfill or Incineration

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. .

## SECTION 14: TRANSPORT INFORMATION

Road & Rail		Maritime		Air	
UN Number	1169	UN Number	1169	UN Number	1169
Proper Shipping name	Extracts, Aromatic, Liquid	Proper Shipping name	Extracts, Aromatic, Liquid	Proper Shipping name	Extracts, Aromatic, Liquid
DG Class	3	DG Class	3	DG Class	3
Sub Risk	None	Sub Risk	None	Sub Risk	None
Packing group	III	Packing group	III	Packing group	III
Hazchem	2Y	Hazchem	2Y	Hazchem	2Y

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## SECTION 14: TRANSPORT INFORMATION (contd)

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### Dangerous Goods Segregation

This product is classed as Dangerous Goods Class 3, Packing group III. Please consult the Australian Dangerous Goods Code for Transport by Road and Rail for information.

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## SECTION 15: REGULATORY INFORMATION

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**Country/ Region:** Australia

**Inventory:** AICS

**Status:** Listed

**Poisons Schedule:** Not regulated

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## SECTION 16: OTHER INFORMATION

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### References:

#### Supplier SDS

<http://chem.sis.nlm.nih.gov/chemidplus>

<http://hsis.ascc.gov.au/SearchHS.aspx>

Supplier safety data sheets

Ecotoxicology data: [http://cfpub.epa.gov/ecotox/quick\\_query.htm](http://cfpub.epa.gov/ecotox/quick_query.htm)

*Sax's Dangerous Properties of Industrial Materials*, Richard J. Lewis Snr., pub. Canada (2000)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Beautyworld Pty Ltd.

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