

# Material Safety Data Sheet – Natural Decking Oil



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## Natural Decking Oil

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

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### IDENTIFICATION:

**Product & Trade Name** Ecowoodoil –**DECKING OIL (Timbertone, Light Redwood & Golden Pine)**

**Product Code** 34; 35 & 39

### INGREDIENTS:

|  |                              |                |
|--|------------------------------|----------------|
| ♦ Eucalyptus Residue<br>Other Name: Residues<br>remaining after distilling<br>eucalyptus oil | <b>CAS Number</b>            | 470-82-6       |
|  | <b>Proportion</b>            | Low            |
|  | <b>Dangerous Goods Class</b> | N/A            |
|  | <b>Hazchem Code</b>          | N/A            |
| ♦ Dipentene<br>Other Name: Pinechem  | <b>Poisons Schedule</b>      | Not Scheduled  |
|  | <b>CAS Number</b>            | 68956-56-9     |
|  | <b>Proportion</b>            | High           |
|  | <b>Dangerous Goods Class</b> | 3              |
|  | <b>Hazchem Code</b>          | 3[Y]           |
|  | <b>Poisons Schedule</b>      | None Allocated |

|                       |                                 |
|-----------------------|---------------------------------|
| ♦ Tung Oil            | Other ingredients NOT HAZARDOUS |
| ♦ Bees Wax            |                                 |
| ♦ Pigments/Colourants |                                 |

**PROPORTION** VHIGH >60, HIGH 31-60, MED 11-30, LOW 1-10, VLOW <1  
(% weight per weight):

**USES** Preserving and Finishing External Timber Decking, Railings, Joists/Bearers, Rafters, Pergolas etc.

### PHYSICAL DESCRIPTION / PROPERTIES:

|                              |   |
|------------------------------|---|
| <b>Appearance</b>            | Lightly pigmented fluid                     |
| <b>Boiling Point</b>         | Not known                                   |
| <b>Vapour Pressure</b>       | Not known                                   |
| <b>Specific Gravity</b>      | Not known                                   |
| <b>Flash Point</b>           | 68 degrees celsius open cup                 |
| <b>Solubility</b>            | Insoluble in water, soluble in hydrocarbons |
| <b>Dangerous Goods Class</b> | C1  |

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## HEALTH HAZARD INFORMATION:

|                              |   |   |
|------------------------------|---|---|
| <b>HEALTH EFFECTS:</b>       | No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are: |   |
| <b>ACUTE:</b>                | <b>Swallowed</b>  | Eucalyptus Residue can be toxic if swallowed. Symptoms can be epi-gastric burning (of gullet to stomach), drowsiness, skin rash, nausea, vomiting and diarrhoea. Symptoms can occur as vertigo ataxia, muscular weakness, stupor, pallor and cyanosis. However, there is a very small portion of Eucalyptus Residue in this product. Aspiration of Dipentene may cause lung damage. |
|                              | <b>Eye</b>  | Liquid may cause eye irritation.  |
|                              | <b>Skin</b>   | Skin Irritant.  |
|                              | <b>Inhalation</b>   | Vapour may be irritating to mucous membranes and respiratory tract.   |
| <b>CHRONIC:</b>              | Prolonged or repeated exposure can cause drying, defatting & dermatitis of skin.  |   |
| <b>FIRST AID:</b>            | <b>Swallowed</b>  | Do not induce vomiting, as aspiration may occur and cause lung damage. Give a glass of water. You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 131126 from anywhere in Australia or contact a doctor.   |
|                              | <b>Eye</b>  | Immediately flush eye with copious amounts of clean water for 15 minutes.   |
|                              | <b>Skin</b>   | If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek medical assistance.  |
|                              | <b>Inhalation</b>   | Move to a well ventilated area. Keep warm and at rest until fully recovered. If there is respiratory distress or aspiration has occurred, seek medical treatment.   |
| <b>FIRST AID FACILITIES:</b> | For advice contact a poisons information centre (Australia 131126 or NZ 0800 764 766). Ensure an eye bath and shower are available and ready for use                                    |   |
| <b>ADVICE TO DOCTOR:</b>     | Treat symptomatically based on judgement of doctor and individual reactions of patient.   |   |

## PRECAUTIONS FOR USE:

|                             |   |
|-----------------------------|---|
| <b>Exposure Standards</b>   | Use in a naturally well ventilated area. No exposure standard has been established for this product.  |
| <b>Engineering Controls</b> | Use in a naturally well ventilated area or provide general exhaust ventilation to keep exposure levels to a minimum. Keep containers closed when not in use.  |
| <b>Personal protection</b>  | Avoid skin and eye contact and inhalation of vapours. Wear overalls AS 2919, eye protection (chemical goggles AS1336) and chemical resistant solvex nitrile gloves AS 2161. If ventilation is not adequate, wear a self-contained respirator to the requirements of AS1715 or AS1716. Always wash hands before smoking, eating, drinking or using the toilet. |
| <b>Flammability</b>         | Combustible Liquid. Keep away from heat sources.<br>Keep away from ignition sources (NO SMOKING)  |

## SAFE HANDLING INFORMATION:

|                              |  |
|------------------------------|--|
| <b>Storage and transport</b> | Store away from sources of heat or ignition. Store in a cool place away from direct sunlight. Keep containers securely sealed and protected against physical damage. Earth and bond containers and vehicles to filling points when dispensing pouring or pumping as vapours may ignite due to static electricity. Do not pressurise, cut, weld, braze, solder, drill, grind or expose empty containers to heat, spark or open flames. Check periodically for leaks. ADG Code: 2052, Dipentene. |
| <b>Spills and disposals</b>  | Eliminate all ignition sources (NO SMOKING) Eliminate flammables. Contain with sand or dirt. For large spills, pump into steel drums. For small spills, absorb material with sand or diatomaceous earth. Shovel into steel drums. AFTER TREATMENT DISPOSAL: Contact local waste authority re. disposing at waste depot.  |

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**Fire / Explosion Hazard** Flammable Liquid/ combustible liquid and vapour. May burn if heated/ignited. Liquid can float on water and may possibly travel to distant locations. Never use welding or cutting torch on or near drum. May evolve irritating and toxic gases on decomposition. Contains Combustible liquids. Incompatible to oxidising agents, porous materials such as zeolites and similar mineral products, rags. Used rags can self combust in direct sunlight. Dispose of used rags by soaking them in soapy water prior to disposing in water bag.  
Fire Fighters to wear self-contained breathing apparatus and complete protective clothing.  
Extinguishing media: Move upwind of fire. Summon the fire brigade immediately, dial 000. Remove from the vicinity containers not involved in fire. Use foam or dry chemical powder to extinguish fire.

## OTHER INFORMATION:

|  |   |
|--|---|
| <b>Stability</b>                                   | Stable. Spontaneous heating may occur in such items as rags, insulation, and rubbish soaked with this material and exposed to air. Manufacturer recommends soaking of used cloths/rags in water immediately after use.  |
| <b>Ecological information for Limonene content</b> | Limonene products are toxic to aquatic organisms, however this product contains Dipentene which is not water soluble and therefore it is unlikely to have an impact in waterways. Avoid contaminating waterways. Refer to state land waste management authority for disposal. |
| <b>Toxicological information</b>                   | Oral LD50 = >2000 mg/kg (rat)<br>Dermal LD50 = > 2000 ml/kg (rabbit)  |
| <b>Hazard Classification for Dipentene</b>         | <b>Xi</b> Irritant  |
| <b>Risk phrases</b>                                | <b>R38</b> Irritating to skin<br><b>R10</b> Flammable<br><b>R65</b> May cause lung damage if swallowed  |
| <b>Safety phrases for Limonene content</b>         | <b>S2</b> Keep out of reach of children<br><b>S24</b> Avoid contact with skin<br><b>S37</b> Wear suitable gloves/eye protection   |

## CONTACT POINTS:

Organoil Pty Ltd, Byron Bay Phone: 02 6685 8896 - ask for Technical Officer

Poisons Information Centre Westmead NSW Phone: 131126 or NZ 0800 764 766

THIS INFORMATION HAS BEEN PREPARED AS A GUIDE FROM TECHNICAL AND MEDICAL DATA AVAILABLE, AND TO OUR KNOWLEDGE IS TRUE AND ACCURATE. IT IS NOT CLAIMED TO BE ALL INCLUSIVE AND MAY DEMAND OTHER ADDITIONAL CONSIDERATIONS. IT IS NOT A SUBSTITUTE FOR EXPERT ADVICE.