



DURALEX

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SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: December 17

PRODUCT: Outdoor Furniture Oil

Other Names: Oil Based Furniture Oil

Uses: Decorative and protective coating for tyimber surfaces.

Signal Word: Danger

UN No.:	1263
Dangerous Goods Class:	3
Subsidiary Risk:	None
Packing Group:	III
Hazchem Code:	3Y
Poisons Schedule:	S5

Hazardous Nature:	This product is flammable in liquid and vapour
Hazard Statement:	Flammable liquid and vapour
GHS Classification:	Flammable Liquids: 3; Skin corrosion/Irritation:2; Specific Target Organ Toxicity (single exposure):3; Aspiration Toxicant:1

Physical Characteristics (Typical)

Section 9 of the SDS

Appearance	Amber liquid
Boiling Point/Range (°C):	>150
Flash Point (°C):	>35
Specific Gravity/Density (g/ml @ 15°C):	0.85
pH:	Not applicable
Chemical Stability:	This material is thermally stable when stored and used as directed.
Reactivity:	Excessive heat, oxidizing agents and sources of ignition.

Product Ingredients

Section 3 of the SDS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Proportion</u>
Mineral Turpentine	64742-95-6	40-50%
Linseed Oil	8001-26-1	20-40%
Naphtha, Petroleum, Hydrodesulfurized	64742-82-1	20-40%

For further ingredients information, please refer to the full MSDS

GHS Pictograms

Section 2 of the SDS

Flame



Silhouette/star



Exclamation Mark



DEFINITIONS

Dangerous Goods	Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information.
Hazardous Substances	Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.
Poisons	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

SUMMARY INFORMATION ONLY



1. IDENTIFICATION

Product Name: Outdoor Furniture Oil – Various colours
Other Names: Oil Based Furniture Oil
Chemical Family: Solvent based
Molecular Formula: Not known
Recommended Use: Decorative and protective coating for timber surfaces.
Supplier: Duralex Paints Pty Ltd.
ABN: 17 000 392 227
Address: 3 – 5 Muriel Avenue, Rydalmere NSW 2116
Telephone: +61 2 9638 0568
Fax: +61 2 9684 1864
Emergency Phone: +61 2 9638 0568
All other inquiries: +61 2 9638 0568

2. HAZARDS IDENTIFICATION

Hazard Nature

This product is flammable in liquid and vapour

Hazard Category

F: Flammable; Xn: Harmful

GHS Classification

Flammable Liquids: 3; Skin corrosion/Irritation:2; Specific Target Organ Toxicity (single exposure):3; Aspiration Toxicant:1

GHS Pictograms

Flame



Silhouette/star



Exclamation Mark



Hazard Statement

Flammable liquid and vapour

Hazard Statements

H226: Flammable liquid and vapour

H304: May be fatal if swallowed and enters airways

H317: May cause an allergic skin reaction

H336: May cause drowsiness or dizziness

Precautionary Statements

P102: Keep out of reach of children.

P103: Read label before use.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261: Avoid breathing dust/fume/ gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P304+P312: IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

P370+P378: In case of fire: Use sand, earth or chemical foam to extinguish.

P403+P235: Store in a well ventilated place. Keep cool.



P501: Dispose of contents or container in accordance with local/regional/national/international regulation.

Dangerous Goods Classification 3

Poisons Schedule S5

Signal Word Danger

3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	Proportion (% v/v)
Mineral Turpentine	64742-95-6	40-50%
Linseed Oil	8001-26-1	20-40%
Naphtha, Petroleum, Hydrodesulfurized	64742-82-1	20-40%
Solvent Naphtha (petroleum) Light Aromatic	64742-95-6	10-20%
Parafin Wax	8002-74-2	1-5%
Methyl Ethyl Ketoxime	96-29-7	<1%
Ingredients determined not to be hazardous	Various	Balance

4. FIRST AID MEASURES

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

Ingestion

If swallowed, DO NOT induce vomiting. Give a glass of water to drink. Never give anything by mouth to an unconscious patient. Keep at rest. Seek medical advice.

Eye Contact

Flush eyes with large amounts of water for 15 minutes. Urgently seek medical assistance. Transport to hospital or medical facility.

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 has stopped. Keep at rest. Seek medical attention.

First Aid Facilities

Provide eye baths and safety showers.

Medical Attention

Treat according to symptoms.

5. FIRE FIGHTING MEASURES

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable Extinguishing Media

If material is involved in a fire use foam or dry agent.

Hazards from combustion products



Flammable liquid and vapour.

Precautions for fire fighters and special protective equipment

On burning may emit toxic fumes. Fire fighters should wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Hazchem Code

3Y

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Prevent product from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours or dusts from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

Methods and materials for containment

Major Land Spill

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”

Major Water Spill

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”.

7. HANDLING AND STORAGE

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).

Conditions for Safe Storage

Store in a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in bunded areas and ensure exit drains are closed.

Incompatible Materials

Oxidising agents

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

National Exposure Standards

The time weighted average concentration (TWA) for this product is: 1 mg/m³, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: 2 mg/m³, which is the maximum allowable exposure concentration at any time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): applies in this case. In addition to



the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitiser, represented as (Sen), where applies in this case.

Biological Limit Values (BLV)

Ingredients in this material do not have a Biological Limit Allocated.

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 equipment.

Personal Protective Equipment

Respiratory Protection: Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, 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, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical Value
Appearance	None	Amber liquid
Boiling Point/Range	°C	>150
Flash Point	°C	>35
SG/Density (@ 15°C)	g/ml; kgm ³	0.85
Vapour Pressure @ 20°C	kPa	Not available
Vapour Density @ 20°C	g/ml; kgm ³	>1.00
Autoignition Temperature	°C	No data available
Explosive Limits in Air	% vol/vol	No data available - No data available
Viscosity @ 20°C	cPs, mPas	No data available
Percent volatiles	% vol/vol	No data available
Acidity/alkalinity as pH	None	Not applicable
Solubility in Water	g/l	Negligible
Other solvents	-	Hydrocarbons

The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Technical Data Sheet.

10. STABILITY AND REACTIVITY**Chemical stability**

This material is thermally stable when stored and used as directed.

Conditions to avoid

Elevated temperatures.

Hazardous decomposition products

Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions

No known hazardous reactions.

Hazardous polymerisation

Will not occur.



11. TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

Swallowing will result in nausea, headache, central nervous system effects. Product can be aspirated to the lungs on vomiting resulting in chemical pneumonitis and long term damage. Small amounts of this product will cause irritation and a burning sensation in the throat, trachea and oesophagus.

Eye Contact

Eye contact with this product will cause redness and swelling with a burning sensation and blurred vision. Prolonged contact with this product may cause eye damage.

Skin Contact

This product will result in defatting of the skin with prolonged or repeated contact. Drying and cracking of skin risks the possible absorption of other chemical products potentially in use.

Inhalation

Where this material is used in poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes and respiratory tract, headache and nausea.

Chronic Effects

Repeated or prolonged contact with this product will result in irritant contact dermatitis if PPE precautions are not observed.

Other Health Effects Information

Persons with pre-existing skin conditions will be sensitive to this product.

Toxicological Information

Oral LD₅₀: Not determined.

Dermal LD₅₀: Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity:

Fish Toxicity LC₅₀: No information available.

Daphnia Magna EC₅₀: No information available.

Blue-green algae: No information available.

Green algae: No information available.

Persistence/Biodegradability: No information available.

Mobility: This product may be mobile on release to the environment, risking contamination of waterways, soils and grasslands.

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 product residue that may be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

Special Precautions

This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment, or considered for use in recycling.

14. TRANSPORT INFORMATION

Road and Rail Transport

Marine Transport

Air Transport



UN No.	1263	UN No.	1263	UN No.	1263
Proper Shipping Name	Paint	Proper Shipping Name	Paint	Proper Shipping Name	Paint
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	3Y	Hazchem	3Y	Hazchem	3Y

Dangerous Goods Segregation

This product is Dangerous goods Class 3, packaging group III.

15. REGULATORY INFORMATION

Country/Region: Australia

Inventory: AICS

Status: Listed

Poisons Schedule: S5

16. OTHER INFORMATION

Reasons for Issue: New manufacturer information; changes and updates in multiple sections.

Abbreviations:

AICS: Australian Inventory of Chemical Substances

CAS Number: Chemical Abstracts Number

GHS: Global Harmonised System

IARC: International Agency for Research on Cancer

PPE: Personal Protective Equipment

N/R: Non-regulated

N/A: Not applicable

UN: United Nations

References:

- Supplier Safety Data Sheets
- <http://hsis.safework.gov.au/SearchHS.aspx> (December 17)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (December 17)
- Ecotoxicology data: http://cfpub.epa.gov/ecotox/quick_query.htm (December 17)
- *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)

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 Durablex Paints Pty Ltd.