



WOOD FINISHES DIRECT

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[Manns Premier UV Decking Oil](#)



MANNNS

Safety Data Sheet

Manns Premier UV Decking Oil

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

1.1. Product Identifier

Name	Manns Premier UV Decking Oil
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	Oil finish for wood
Name	Manns Premier UV Decking Oil

1.3. Details of the supplier of the safety data sheet

Company	Wood Finishes Direct LTD
Address	Unit B, 5 Acre Trade Estate, Park Farm Road, Folkestone, KENT, CT19 5DS
Web	www.wood-finishes-direct.com
Telephone	+44 (0)1303 213838
Fax	+44 (0)844 815 4992
Email	wood@finishes.direct
Email address of the competent person	wood@finishes.direct

1.4. Emergency telephone number

Emergency telephone number	111 (England and Wales) or 08454 24 24 24 (Scotland)
Company	National Poisons Information Service (NHS Direct)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CLP:	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066; -: EUH208
Most important adverse effects:	Repeated exposure may cause skin dryness or cracking. Contains 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate. May produce an allergic reaction. Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictograms	
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Signal Word	Danger
Hazard statements	EUH066: Repeated exposure may cause skin dryness or cracking. EUH208: Contains 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate. May produce an allergic reaction. H226 - Flammable liquid and vapour H304 - May be fatal if swallowed and enters airways H336 - May cause drowsiness or dizziness
Precautionary statements (CLP)	P102 - Keep out of reach of children P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P233 - Keep container tightly closed P261 - Avoid breathing fume, vapours, mist, spray P271 - Use only outdoors or in a well-ventilated area P280 - Wear eye protection, face protection, protective clothing, protective gloves P501 - Dispose of contents/container in accordance with local/regional/national /international regulations

2.3. Other Hazards

Other hazards	In use, may form flammable / explosive vapour-air mixture.
PBT	This product is not identified as a PBT/vPvB substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Substance

Hazardous Ingredients

Chemical Name	REACH Reg No	EINECS	CAS No.	PBT / WEL	Cont %	CLP Classification
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	01-2119463258-33-XXXX	919-857-5	-	-	70 - 98%	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066
Paraffin Wax	01-2119488075-30-XXXX	232-315-6	8002-74-2	Substance with a Community workplace exposure limit.	1-10%	
3-Iodo-2-Propynyl Butylcarbamate	01-2120762115-60-XXXX	259-627-5	55406-53-6	-	0.3-1%	Acute Tox. 3: H331; Acute Tox. 4: H302; STOT RE 1: H372; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410
Cobalt Bis (2-Ethylhexanoate)	01-2119524678-29-XXXX	205-250-6	136-52-7	-	<0.3%	Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Repr. 2: H361f; Skin Sens. 1A: H317
2-Ethylhexanoic acid, Zirconium Salt	01-2119979088-21-XXXX	245-018-1	22464-99-9	-	<0.3%	Repr. 2: H361
1-Acetyl-4-(3-Dodecyl-2,5-Dioxo-1-Pyrrolidinyl)-2,2,6,6-Tetramethylpiperidine	01-0000015927-59-XXXX	411-930-5	106917-31-1	-	<0.3%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400

4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye contact	Bathe the eye with running water for 15 minutes. Obtain medical attention if pain, blinking or redness persist.
Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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Ingestion	Wash out mouth with water. Do not induce vomiting. Transfer to hospital as soon as possible.
Skin contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

4.2. Most important symptoms and effects, both acute and delayed

Eye contact	There may be irritation and redness.
Inhalation	Drowsiness or mental confusion may occur.
Ingestion	There may be irritation of the throat. May be fatal if swallowed and enters airways.
Skin contact	There may be mild irritation at the site of contact.

4.3. Indication of any immediate medical attention and special treatment needed

	Treat symptomatically.
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5. FIREFIGHTING MEASURES

5.1. Extinguishing media

	Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Sand. Do not use water jet
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5.2. Special hazards arising from the substance or mixture

Exposure hazards	Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.
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5.3. Advice for firefighters

	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Contain the spread of the firefighting media. Do not allow run-off from firefighting to enter drains or water courses.
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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or rivers. Contain the spillage using bunding.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.
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6.4. Reference to other sections

	See Heading 8. Exposure controls and personal protection.
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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements	Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.
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Suitable packaging	Must only be kept in original packaging.
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7.3. Specific end use(s)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

COBALT BIS(2-ETHYLHEXANOATE)				
Workplace exposure limits			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 Min Stel
UK	0.1 mg/m3	-	-	-

DNEL/PNEC Values

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS				
Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	208 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	871 mg/m3/8H	Workers	Systemic
DNEL	Dermal (effects on fertility)	125 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	185 mg/m3/24H	Consumers	Systemic
DNEL	Oral	125 mg/kg bw/day	Consumers	Systemic

3-IODO-2-PROPYNYL BUTYLCARBAMATE				
Type	Exposure	Value	Population	Effect
DNEL	Inhalation	70 µg/m3	Workers	Systemic
DNEL	Inhalation (repeated dose)	23 µg/m3	Workers	Systemic
DNEL	Inhalation	1.16 mg/m3	Workers	Local
DNEL	Inhalation (repeated dose)	1.16 mg/m3	Workers	Local
DNEL	Dermal (repeated dose)	2 mg/kg bw/day	Workers	Systemic
PNEC	Fresh water	500 ng/l	-	-
PNEC	Fresh water sediments	17 µg/kg	-	-
PNEC	Marine water	46 ng/l	-	-
PNEC	Marine sediments	1.6 µg/kg	-	-
PNEC	Microorganisms in sewage treatment	440 µg/l	-	-
PNEC	Soil (agricultural)	5 µg/kg	-	-

COBALT BIS(2-ETHYLHEXANOATE)				
Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	235 µg/m3	Workers	Systemic
DNEL	Inhalation (repeated dose)	37 µg/m3	General Population	Systemic
DNEL	Oral (repeated dose)	27.6 µg/kg bw/day	General Population	Systemic
PNEC	Fresh water	600 ng/l	-	-
PNEC	Fresh water sediments	9.5 mg/kg	-	-
PNEC	Marine water	2.36 µg/l	-	-

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PNEC	Marine sediments	9.5 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	370 µg/l	-	-
PNEC	Soil (agricultural)	10.9 mg/kg	-	-

2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	32 mg/m ³	Workers	Systemic
DNEL	Inhalation (repeated dose)	8 mg/m ³	General Population	Systemic
DNEL	Dermal (repeated dose)	6.49 mg/kg bw/day	Workers	Systemic
DNEL	Dermal (repeated dose)	3.25 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	2.5 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	360 µg/l	-	-
PNEC	Fresh water sediments	6.37 mg/kg	-	-
PNEC	Marine water	36 µg/l	-	-
PNEC	Marine sediments	637 µg/kg	-	-
PNEC	Microorganisms in sewage treatment	71.7 mg/l	-	-
PNEC	Soil (agricultural)	1.06 mg/kg	-	-

8.2. Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
Eye protection	Safety glasses. Ensure eye bath is to hand.
Skin protection	Protective clothing.
Respiratory protection	If ventilation is insufficient suitable respiratory protection must be provided.
Environmental	Avoid release to the environment

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Pale brown
Odour	Hydrocarbons
Initial boiling point	150 - 200 °C
Flash point	38 °C
Evaporation rate	No data available
Flammability (solid, gas)	Flammable liquid and vapour
Vapour pressure	No data available
Relative density	0.78 - 0.81
Partition coefficient	No data available
Viscosity, kinematic	1,24 cSt 40°C
Oxidising properties	No data available
Solubility	Insoluble

9.2. Other information

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10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity Not classified

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

GASES	RBT	24H LD50	> 5000	mg/kg
ORAL	RAT	LD50	> 5000	mg/kg
VAPOURS	RAT	8H LC50	> 5000	mg/m3

Paraffin, wax (8002-74-2)

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

3-iodo-2-propynyl butylcarbamate

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	300 to 500	mg/kg
VAPOURS	RAT	4H LC50	0.67	mg/l

2-ethyl hexanoic acid, zirconium salt

DERMAL	RAT	LD50	2000	mg/kg
ORAL	RAT	LD50	2043-5000	mg/kg
VAPOURS	RAT	8H LC50	110	mg/m3

1-Acetyl4-(3-Dodecyl-2,5-Dioxo-1-Pyrrolidiny)-2,2,6,6-Tetramethylpiperdine

ORAL	RAT	LD50	>3000	mg/kg
VAPOURS	RAT	4H LC50	2.61	mg/l

HAZARD	ROUTE	BASIS
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

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Symptoms / routes of exposure	
Skin contact	There may be mild irritation at the site of contact.
Eye contact	There may be irritation and redness.
Ingestion	There may be irritation of the throat. May be fatal if swallowed and enters airways.
Inhalation	Drowsiness or mental confusion may occur.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			
ALGAE	72H EbL50	>1000	mg/l
ALGAE	72H ErL50	>1000	mg/l
Daphnia magna	48H EL50	>1000	mg/l
RAINBOW TROUT(Oncorhynchus myki	96H LL50	>1000	mg/l
Paraffin, wax (8002-74-2)			
ALGAE	NOEL	>100	mg/l
Daphnia magna	EL50	>10000	mg/l
Daphnia magna	NOEL	10	mg/l
FISH	LL50	>100	mg/l
3-iodo-2-propynyl butylcarbamate			
Daphnia magna	48H EC50	0.16	mg/l
RAINBOW TROUT (Oncorhynchus myki	96H LC50	0.67	mg/l
Scenedesmus Subspicatus	72H ErC50	0.053	mg/l
2-ethyl hexanoic acid, zirconium salt			
ALGAE	96H EC10	32	mg/l
DAPHNIA	48H EC50	62.5	mg/l
FISH	96H LC50	100	mg/l
1-Acetyl4-(3-Dodecyl-2,5-Dioxo-1-Pyrrolidiny)-2,2,6,6-Tetramethylpiperdine			
Daphnia magna	48H EC50	0.27	mg/l
FISH	96H LC50	>0.5	mg/l

12.2. Persistence and degradability

	No data available.
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12.3. Bioaccumulative potential

	Low Bioaccumulation
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12.4. Mobility in soil

	No data available.
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12.5. Results of PBT and vPvB assessment

	This product is not identified as a PBT/vPvB substance.
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12.6. Other adverse effects

	Avoid release to the environment.
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13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations	Transfer to a suitable container and arrange for collection by specialised disposal company.
Waste code number	03 02 05
NB	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

14.1. UN number

UN-No. (ADR)	1268
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14.2. UN proper shipping name

Proper Shipping Name	PETROLEUM PRODUCTS, N.O.S.
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14.3. Transport hazard class(es)

Transport hazard class	III
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14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmentally hazardous	No
Marine pollutant	No

14.6. Special precautions for user

Special precautions	No special precautions.
Tunnel code	D/E
Transport category	3

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk	Not Applicable.
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15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	Not applicable.
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15.2. Chemical Safety Assessment

Chemical safety assessment	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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16. OTHER INFORMATION

Other information	according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Other information	None.

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Phrases used in s.2 and s.3	EUH066: Repeated exposure may cause skin dryness or cracking. EUH208: Contains 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate. May produce an allergic reaction. H226: Flammable liquid and vapour. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H331: Toxic if inhaled. H336: May cause drowsiness or dizziness. H361: Suspected of damaging fertility or the unborn child. H361f: Suspected of damaging fertility. H372: Causes damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.
Legal disclaimer	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.