

# Safety Data Sheet

## Outdoor Wood Oil

Replaces date: 08/03/2025

Revision date: 09/01/2026  
Version: 1.1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Trade name:** Outdoor Wood Oil

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended uses:** Surface treatment of all exterior wood.

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

**Company:** Guardian Protection Products A/S  
**Address:** Knudevejen 22  
**Zip code:** 6600  
**City:** Vejen  
**Country:** DENMARK  
**Email:** guardian@guardian.dk  
**Phone:** +45 75471767  
**Fax:** +45 75471787

#### 1.4. Emergency Telephone Number

+45 75 47 17 67 (Guardian Protection Products A/S)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**CLP-classification:** Aquatic Chronic 3;H412

**Most serious harmful effects:** Harmful to aquatic life with long lasting effects. Persons with a known allergy to 3-iodo-2-propynyl butylcarbamate may exhibit an allergic response to the product. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

#### 2.2. Label elements

##### Hazard Statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P501 Dispose of contents/container in accordance with local regulation.

##### Supplemental information

EUH208 Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

#### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

Endocrine disrupting properties: None known.

Risk of spontaneous combustion. spills and used cloths are to be collected and deposited in a fireproof waste container, hung to dry outdoors or burned under supervision.

### SECTION 3: Composition/information on ingredients

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### 3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Distillates (petroleum), hydrotreated light	926-141-6 01-2119456620-43	20 - 50 %	4	Asp. Tox. 1;H304 EUH066 LD50 (Acute toxicity - oral): > 5000 mg/kg bw LD50 (Acute toxicity - dermal): > 5000 mg/kg bw LC50 (vapour) (Acute toxicity - inhalation): > 5000 mg/l
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics	920-107-4 01-2119453414-43	2.5 - 10 %	4	Asp. Tox. 1;H304 EUH066
3-iodo-2-propynyl butylcarbamate	55406-53-6 259-627-5	< 0.25 %		Acute Tox. 4;H302 Skin Sens. 1;H317 Eye Dam. 1;H318 Acute Tox. 2;H330 STOT RE 1;H372 (Larynx.) Aquatic Acute 1;H400 Aquatic Chronic 1;H410  ATE (dust/mist) (Acute toxicity - inhalation): 0.17 mg/l LD50 (Acute toxicity - dermal): > 2000 mg/kg bw LD50 (Acute toxicity - oral): 1795 mg/kg bw ATE (dust/mist) (Acute toxicity - inhalation): 0.67 mg/l M (acute): 10 M (chronic): 10

Please see section 16 for the full text of H- / EUH-phrases.

4 = H304 is not applicable due to the high viscosity of the product.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation:</b>	Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
<b>Skin contact:</b>	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
<b>Eye contact:</b>	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
<b>General:</b>	When obtaining medical advice, show the safety data sheet or label.

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

The product contains small amounts of 3-iodo-2-propynyl butylcarbamate. Persons with a known allergy may exhibit an allergic response to the product. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

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

Treat symptoms. No special immediate treatment required.

## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

**Suitable extinguishing media:** Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.

**Unsuitable extinguishing media:** Do not use water stream, as it may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** Stop leak if this can be done without risk. Stay upwind/keep distance from source. Wear safety goggles if there is a risk of eye splash. Wear gloves.

**For emergency responders:** In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

### 6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

A risk assessment must ensure that the employees are not exposed to effects from chemicals. The risk assessment must result in measures preventing exposure.

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Risk of spontaneous combustion. Spills and used cloths are to be collected and deposited in a fireproof waste container, hung to dry outdoors or burned under supervision.

### 7.2. Conditions for safe storage, including any incompatibilities

To be stored safely out of reach of children and not together with food, feed, medicine and the like. Keep in tightly closed original packaging. Do not store with the following: Oxidisers/ Strong alkalis/ Strong acids.

### 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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- Occupational exposure limit:** Contains no substances subject to reporting requirements.
- Measuring methods:** Compliance with occupational exposure limits may be checked by occupational hygiene measurements.
- Legal basis:** Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2024/869/EU. Directive 2009/148/EC (Exposure to asbestos at work) as subsequently amended. Last amended by Directive 2023/2668/EU.

### 8.2. Exposure controls

- Appropriate engineering controls:** Use the product under well-ventilated conditions. Wear the personal protective equipment specified below.
- Personal protective equipment, eyeface protection:** Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 16321.
- Personal protective equipment, hand protection:** In the event of direct skin contact, wear protective gloves: Type of material and thickness: Nitrile rubber/ 0,38 mm. Penetration time: >8 hours. Gloves must conform to EN 374. The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.
- Personal protective equipment, respiratory protection:** Light use (small volume, short term contact (below 10 min.)): Not required. Medium use, medium contact (below 2 hours): Wear respiratory protective equipment. Filter type: A. Respiratory protection must conform to one of the following standards: EN 136/140/145.
- Environmental exposure controls:** Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Parameter	Value/unit
Physical state	Liquid
Colour	Multiple colours
Odour	Solvent
Solubility	Not miscible with the following: Water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Boiling point or initial boiling point and boiling range	No data	
Flammability	No data	
Flammability limits	No data	
Lower and upper explosion limit	0.6 - 8	
Flash Point	> 62 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	24 - 28	sec (4 mm cup)
Partition coefficient n-octanol/water (log value)	No data	

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Vapour pressure	No data	
Density	No data	
Relative density	0.9 g/ml	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

### 9.2. Other information

Parameter	Value/unit	Remarks
VOC (Volatile organic compounds):	43 % / 390 g/l	

**Other Information:** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Oxidisers/ Strong alkalis/ Strong acids.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

Risk of spontaneous combustion. spills and used cloths are to be collected and deposited in a fireproof waste container, hung to dry outdoors or burned under supervision.

### 10.4. Conditions to avoid

Avoid heating and contact with ignition sources. Avoid direct sunlight.

### 10.5. Incompatible materials

Oxidisers/ Strong alkalis/ Strong acids.

### 10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity - oral

##### Distillates (petroleum), hydrotreated light, EC-no 926-141-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg bw		OECD 401	

##### 3-iodo-2-propynyl butylcarbamate, cas-no 55406-53-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		1795 mg/kg bw			

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

#### Acute toxicity - dermal

##### Distillates (petroleum), hydrotreated light, EC-no 926-141-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source

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Rabbit	LD50		> 5000 mg/kg bw		OECD 402	
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### 3-iodo-2-propynyl butylcarbamate, cas-no 55406-53-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 2000 mg/kg bw			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

### Acute toxicity - inhalation

#### Distillates (petroleum), hydrotreated light, EC-no 926-141-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (vapour)	4h	> 5000 mg/l		OECD 403	

### 3-iodo-2-propynyl butylcarbamate, cas-no 55406-53-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE (dust/mist)		0.17 mg/l			
Rat	ATE (dust/mist)	4h	0.67 mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

**Skin corrosion/irritation:** Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking. The product does not have to be classified. Test data are not available.

**Serious eye damage/eye irritation:** May cause eye irritation. The product does not have to be classified. Test data are not available.

**Respiratory sensitisation or skin sensitisation:** The product contains small amounts of 3-iodo-2-propynyl butylcarbamate. Persons with a known allergy may exhibit an allergic response to the product. The product does not have to be classified. Test data are not available.

**Germ cell mutagenicity:** The product does not have to be classified. Test data are not available.

**Carcinogenic properties:** The product does not have to be classified. Test data are not available.

**Reproductive toxicity:** The product does not have to be classified. Test data are not available.

**Single STOT exposure:** The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Inhalation of vapours/spray mist may cause irritation to the upper airways. The product does not have to be classified. Test data are not available.

**Repeated STOT exposure:** The product does not have to be classified. Test data are not available.

**Aspiration hazard:** The product does not have to be classified. Test data are not available.

## 11.2. Information on other hazards

**Endocrine disrupting properties:** None known.

**Other toxicological effects:** None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Distillates (petroleum), hydrotreated light, EC-no 926-141-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish			95hLL0	1000 mg/l			

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Crustacea			48hEL0	1000 mg/l			
Algae	Pseudokirchneriella subcapitata		72hEL0	1000 mg/l			

### 3-iodo-2-propynyl butylcarbamate, cas-no 55406-53-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss		96hLC50	0.067 mg/l			
Crustacea	Daphnia magna		48hEC50	0.16 mg/l			
Algae	Desmodesmus subspicatus		72hEC50	0.022 mg/l			

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

#### Distillates (petroleum), hydrotreated light, EC-no 926-141-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28d		> 60 %			

Test data are not available for all substances.

### 12.3. Bioaccumulative potential

Test data are not available for all substances.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

None known.

### 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme. Risk of spontaneous combustion. Spills and used cloths are to be collected and deposited in a fireproof waste container, hung to dry outdoors or burned under supervision.

EWC code: Depends on line of business and use, for instance

Product: 16 05 08\* discarded organic chemicals consisting of or containing hazardous substances

Absorbent/cloth contaminated with the product: 15 02 02\* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances

## SECTION 14: Transport information

**14.1. UN number or ID number:** Not applicable.

**14.4. Packing group:**

Not applicable.

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**14.2. UN proper shipping name:** Not applicable.

**14.5. Environmental hazards:** Not applicable.

**14.3. Transport hazard class(es):** Not applicable.

**14.6. Special precautions for user**

None.

**14.7. Maritime transport in bulk according to IMO instruments**

Not applicable.

**SECTION 15: Regulatory information**

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

**Special Provisions:** None known.

**15.2. Chemical Safety Assessment**

REACH Reg. No.	Substance name
01-2119453414-43	Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics
01-2119456620-43	Distillates (petroleum), hydrotreated light

**SECTION 16: Other information**

**Version history and indication of changes**

Version	Revision date	Responsible	Changes
1.1.0	09/01/2026	SUJ	3,7,9,16

**Abbreviations:**

- DNEL: Derived No Effect Level
- PNEC: Predicted No Effect Concentration
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: Very Persistent and Very Bioaccumulative
- STOT: Specific Target Organ Toxicity
- UFI: Unique formula identifier.

**Other Information:** This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

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**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Classification method:** Calculation based on the hazards of the known components.

### Hazard statements

H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H330 Fatal if inhaled.  
H372 Causes damage to organs through prolonged or repeated exposure. (Larynx.)  
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.

### Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH208 Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

### SDS is prepared by

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