

# Safety Data Sheet

## JYSK ESSENTIAL OUTDOOR WOOD OIL (TRANSPARENT) 375 ml (3650121/86083001)

Issued: 10/04/2024  
Version: 1.0.0

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

#### 1.1. Product identifier

**Trade name:** JYSK ESSENTIAL OUTDOOR WOOD OIL (TRANSPARENT) 375 ml (3650121/86083001)

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

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

**SU:** Other (SU0).

**PC:** Non-metal-surface treatment products (PC15)

#### 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  
**E-mail:** guardian@guardian.dk  
**Phone:** +45 75471767  
**Fax:** +45 75471787

##### Distributor

**Company:** JYSK Ltd.  
**Address:** 1st Floor Biostat House  
Pepper Road  
Hazel Grove  
**Zip code:** SK7 5BW  
**City:** Stockport  
**Country:** UNITED KINGDOM  
**Phone:** (+44) 0845 309 3089

#### 1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

### 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, Cobalt bis(2-ethylhexanoate) may exhibit an allergic response to the product.

#### 2.2. Label elements

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

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

### Supplemental information

EUH208 Contains 3-iodo-2-propynyl butylcarbamate, Cobalt bis(2-ethylhexanoate). 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

### 3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
3-iodo-2-propynyl butylcarbamate	55406-53-6 259-627-5	< 0.45 %		Acute Tox. 4;H302 Skin Sens. 1;H317 Eye Dam. 1;H318 Acute Tox. 3;H331 STOT RE 1;H372 Aquatic Acute 1;H400 Aquatic Chronic 1;H410  LD50 (Acute toxicity - dermal): > 2000 mg/kg bw LD50 (Acute toxicity - oral): 1795 mg/kg bw LC50 (dust/mist) (Acute toxicity - inhalation): 0.67 mg/l M (acute): 10 M (chronic): 1
Cobalt bis(2-ethylhexanoate)	136-52-7 205-250-6	< 0.04 %		Skin Sens. 1A;H317 Eye Irrit. 2;H319 Repr. 1B;H360D Aquatic Acute 1;H400 Aquatic Chronic 3;H412  LD50 (Acute toxicity - oral): 3129 mg/kg bw LD50 (Acute toxicity - dermal): > 2000 mg/kg bw

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

## 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, Cobalt bis(2-ethylhexanoate). Persons with a known allergy may exhibit an allergic response to the product.

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

Treat symptoms. No special immediate treatment required.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:** Extinguish with powder, foam 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

Can generate harmful flue gases containing carbon monoxide in the event of fire.

### 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:** Stay upwind/keep distance from source. Stop leak if this can be done without risk. Provide good ventilation. 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

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. Do not expose to heat (e.g. sunlight). Do not store with the following: Oxidisers/ Strong alkalis/ Strong acids.

### 7.3. Specific end use(s)

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None.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limit

Substance name	Time period	ppm	mg/m <sup>3</sup>	fiber/cm3	Remarks	Comments
Cobalt bis(2-ethylhexanoate)	8h		0.1		As Co. Carc: only for cobalt dichloride and sulphate. OEL value for: Cobalt compounds	Carc, Sen

Carc = Capable of causing cancer and/or heritable genetic damage.

Sen = Capable of causing occupational asthma.

**Measuring methods:** Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** EH40/2005 Workplace exposure limits. Last amended January 2020.

##### PNEC

Cobalt bis(2-ethylhexanoate), cas-no 136-52-7					
Exposure	Value	Assessment Factor	Extrapolation Method	Note	
PNEC aqua (freshwater)	0,51 µg/l				
PNEC sediment (marine water)	9,5 mg/kg				
PNEC sediment (freshwater)	9,5 mg/kg				
PNEC soil	10,9 mg/kg				
PNEC aqua (marine water)	2,36 µg/l				

##### DNEL - workers

Cobalt bis(2-ethylhexanoate), cas-no 136-52-7					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - local effects)	235,1 µg/m <sup>3</sup>				

##### DNEL - general population

Cobalt bis(2-ethylhexanoate), cas-no 136-52-7					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - local effects)	37 µg/m <sup>3</sup>				
Oral DNEL (long-term exposure - systemic effects)	55,8 µg/kg bw/day				

#### 8.2. Exposure controls

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- Appropriate engineering controls:** Wear the personal protective equipment specified below.
- Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166/16321.
- Personal protective equipment, skin protection:** Not required.
- Personal protective equipment, hand protection:** In the event of direct skin contact, wear protective gloves: Type of material: Nitrile rubber. Gloves must conform to EN 374.
- Personal protective equipment, respiratory protection:** Not required.
- 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
State	Liquid
Colour	Colourless
Odour	Odourless
Solubility	Not miscible with the following: Water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	~ 165 °C	
Auto-ignition temperature	No data	
Decomposition temperature:	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	~ 20.5 mm <sup>2</sup> /s	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	0.94 g/ml	
Relative density	No data	
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):	0,6 %	

**Other Information:** None.

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### 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

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

##### 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			

##### Cobalt bis(2-ethylhexanoate), cas-no 136-52-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		3129 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

##### 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			

##### Cobalt bis(2-ethylhexanoate), cas-no 136-52-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	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

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

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (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.

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<b>Skin corrosion/irritation:</b>	May cause slight irritation. The product does not have to be classified. Test data are not available.
<b>Serious eye damage/eye irritation:</b>	May cause eye irritation. The product does not have to be classified. Test data are not available.
<b>Respiratory sensitisation or skin sensitisation:</b>	The product contains small amounts of 3-iodo-2-propynyl butylcarbamate, Cobalt bis(2-ethylhexanoate). 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.
<b>Germ cell mutagenicity:</b>	The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available.
<b>Reproductive toxicity:</b>	The product contains at least one substance which is a suspected reproductive hazard. The product does not have to be classified. Test data are not available.
<b>Single STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Repeated STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Aspiration hazard:</b>	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

##### 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			

##### Cobalt bis(2-ethylhexanoate), cas-no 136-52-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Name of species not specified		72hIC50	528 mg/l			

Harmful to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

Test data are not available.

#### 12.3. Bioaccumulative potential

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

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Pow	281			

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### 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.

**Category of waste:** Product: EWC code: 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.

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

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

**14.4. Packing group:** Not applicable.

**14.5. Environmental hazards:** 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.

### 15.2. Chemical Safety Assessment

**Other Information:** Chemical safety assessment has not been performed.



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### SECTION 16: Other information

#### Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	10/04/2024	Bureau Veritas HSE/JST	

#### 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

#### 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 Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

#### 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.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H360D	May damage the unborn child.
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.

#### Supplemental hazard information

EUH208 Contains 3-iodo-2-propynyl butylcarbamate, Cobalt bis(2-ethylhexanoate). May produce an allergic reaction.

#### SDS is prepared by

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