

## Safety data sheet

in accordance with 1907/2006/EC, Article 31 & Regulation 2020/878/EC

Publication date : 06.03.2025

Version number 2 – EN

Review: 06.03.2025

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

#### · 1.1 Product Identification

· **Product name :** High Protection Oil

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**

· **Sector of use**

SU21 Consumer applications : Private households / General public / Consumers

· **Use of the substance / the preparation :** Wood care

· **1.3 Information concerning the supplier of the safety data sheet :**

· **Producer/supplier :**

SAS Sophie et Guillaume Le Penher-DesignLab

Brand name : Sol-éco, La solution écologique

26 avenue de Couëly Domaine de Carheil 44630 PLESSÉ-FRANCE

Email : solution.eco@gmail.com

Tel : +336 63 73 46 72

· **1.4 Emergency number**

· **Poison control center (UK) : +44 870 600 6266**

France : number ORFILA (INRS) : +33 (0)1 45 42 59 59

Belgium – Brussels : +32 070/245 245

Luxembourg : Poison Center : (+352) 8002 5500

Switzerland : 145

From abroad: Swiss Toxicological Information Centre (Zürich) 24h/24h : +41 44 251 51 51

www.toxi.ch.

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### SECTION 2 : Hazard identification

#### · 2.1 Classification of substance or mixture

· **Classification according to Regulation (EC) No. 1272/2008 :**



GHS08 danger to health

Asp. Tox . 1 H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

#### · 2.2 Labeling elements

· **Labeling according to Regulation (EC) No. 1272/200 :**

The product is classified and labelled according to the CLP regulation.

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· **Product name : High Protection Oil**

· **Hazard pictograms :**



GHS07 GHS08

· **Signal word : Danger**

· **Hazard-determining components of labelling :**

(R)-p-mentha-1,8-diène

· **Hazard statements:**

· H315 Causes skin irritation.

· H317 May cause an allergic skin reaction.

· H304 May be fatal if swallowed and enters airways.

· **Safety advice:**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear protective gloves.

P301+P310 IF SWALLOWED : Immediately call a POISON CENTER or doctor/physician

P331 DO NOT make vomiting.

P302+P352 IF ON SKIN : Wash with plenty of soap and water.

P333+P313 If skin irritation occurs : Get medical advice/attention.

P501 Dispose of contents/container to accordance with local/regional/national/international regulations.

· **2.3 Other hazards :**

The mixture does not contain substances listed in accordance with Article 59(1) of REACH as having endocrine disrupting properties, or is not recognized as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

· **Résultats des évaluations PBT et vPvB :**

· **PBT** : Not applicable.

· **vPvB** : Not applicable.

· **Determination of endocrine-disrupting properties**

No additional information available

## SECTION 3 : Composition/information on ingredients

· **3.2 Mixtures**




· **Description** : Preparation : composed of the substances listed below.


· **Hazardous components :**

CAS: 8001-20-5 Huile de Tung 50-100%

EINECS: 232-272-3

CAS : 5989-27-5 (R)-p-mentha-1,8-diène 10-25%

EINECS: 227-813-5  Flam. Liq. 3, H226;  Asp. Tox. 1, H304;  Aquatic Acute 1,

Index number : 601-096-00-2 H400 (M=1)  Skin Irrit. 2, H315 ; Skin Sens. 1B, H317 ;

Aquatic Chronic 3, H412

RTECS : GW 6360000

Reg.nr.: 01-2119529223-47

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· **SVHC :** None

· **Additional information :** For the wording of the listed risk phrases, please refer to Section 16.

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### SECTION 4 : First aid

· **4.1 Description of first aid measures**

· **After inhalation :**

- Give plenty of fresh air and seek medical advice for safety.
- In case of unconsciousness, place person in stable lateral position.

· **After skin contact :** Wash immediately with soap and water and rinse thoroughly..

· **After eye contact :**

Rinse eyes under running water for several minutes, holding eyelids apart.

· **After ingestion :** Do not induce vomiting; seek medical assistance immediately..

· **4.2 Main symptoms and effects, acute and delayed :**

No other important information available.

· **4.3 Indication of any immediate medical attention and special treatment needed :**

No other important information available.

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### SECTION 5 : Fire-fighting measures

· **5.1 Means of extinction :**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.

· **5.2 Special hazards arising from the substance or mixture :**

Possibility of toxic gas formation in the event of overheating or fire.

· **5.3 Advice for firefighters :**

· **Special safety equipment :** Wear respiratory protection.

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### SECTION 6 : Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

The product forms a slippery layer with water.

Wear safety equipment. Remove unprotected persons.

· **For non-emergency personnel :** No other important information available.

· **For first-aiders :** No other important information available.

· **6.2 Precautions for environmental protection**

Do not discharge into drains or the natural environment.

In the event of entry into water or sewers, notify the appropriate authorities.

Dilute with plenty of water.

Do not discharge into drains, surface water or groundwater.

· **6.3 Methods and equipment for containment and clean-up :**

Absorb liquids with absorbent material (sand, kieselguhr, acid neutralizer, universal binder, sawdust).

Provide adequate ventilation.

· **6.4 Reference to other sections**

For information on safe handling, please refer to Section 7.

For information on personal protective equipment, see Chapter 8.

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For information on disposal, please refer to chapter 13.

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### SECTION 7 : Handling and storage

· **7.1 Precautions for safe handling :**

Ensure good ventilation/exhaustion at the workstation.

Prevent aerosol formation.

· **Explosion and fire prevention :**



Keep away from ignition sources - No smoking.

Take measures against electrostatic charges.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage :**

· **Requirements for storage areas and containers :** No special requirements.

· **Information about common storage:** Not required.

· **Other information about storage conditions :** Keep packaging tightly closed.

· **7.3 Particular end use(s) :** No other important information available.

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### SECTION 8 : Exposure controls/personal protection

· **8.1 Control settings :**

· **Components with threshold values to be monitored by workstation :**

The product does not contain significant quantities of substances with threshold values to be monitored at the workplace..

· **Additional information :**

This document is based on the lists in force at the time it was drawn up.

· **8.2 Exposure controls**

· **Appropriate technical controls :** If not specified otherwise, see section 7

· **Personal protective measures, such as personal protective equipment**

· **General protection and hygiene measures :**

Remove soiled or wet clothing immediately.

Wash hands before breaks and at the end of work.

· **Respiratory protection :**



In the event of low or short-term exposure, use a respiratory filter; in the event of intense or long-term exposure, use a breathing apparatus independent of the ambient air..

· **Hand protection :**



Protection gloves

· **Material of gloves :** Nitrile

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· **Product name : High Protection Oil**

· **Eye/face protection**



Hermetically sealed goggles

### SECTION 9 : Physical and chemical properties

· **9.1 Information on essential physical and chemical properties**

· **General indications**

· **Physical state :**

Liquid

· **Form :**

Liquid

· **Color :**

Yellowish

· **Odor :**

Characteristic

· **Olfactory threshold :**

Not specified

· **Melting/freezing point :**

Not specified

· **Boiling point or initial boiling point and boiling range**

173 °C (CAS : 5989-27-5 (R)-p-mentha-1,8-diène)

· **Inflammability :**

Not applicable

· **Upper and lower explosion limits**

· **Lower :**

0,7 Vol % (CAS : 5989-27-5 (R)-p-mentha-1,8-diène)

· **Upper :**

6,1 Vol % (CAS : 5989-27-5 (R)-p-mentha-1,8-diène)

· **Flash point :**

>100°C.

· **Auto-ignition temperature :**

255 °C (CAS : 5989-27-5 (R)-p-mentha-1,8-diène)

· **Decomposition temperature :**

Not specified

· **pH**

Non-polar/aprotic blend

· **Viscosity :**

· **Kinematic viscosity :**

Not specified.

· **Dynamic :**

Not specified.

· **Solubility in water :**

Not or slightly miscible

· **Partition coefficient n-octanol/water (log value) :**

Not specified

· **Vapour pressure at 20 °C :**

2,3 hPa (CAS : 5989-27-5 (R)-p-mentha-1,8-diène)

· **Density and/or relative density**

· **Density at 20 °C :**

0,9263 g/cm<sup>3</sup>

· **Relative density :**

Not specified

· **Vapour density :**

Not specified

· **9.2 Other information :**

· **Health, safety and environmental**

· **protection information**

· **Ignition temperature :**

Product does not ignite spontaneously

· **Explosive properties :**

The product is non-explosive ; however, explosive vapor-air mixtures may be formed

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- **Solvent concentration :**
- **COV (CH) :** 10,00 %
- **Change of state**
- **Evaporation rate :** Not specified.
- **Information on physical hazard classes**
- **Explosive substances and mixtures** Not applicable
- **Flammable gases** Not applicable
- **Aérosols** Not applicable
- **Oxidizing gases** Not applicable
- **Pressurized gas** Not applicable
- **Flammable liquids** Not applicable
- **Flammable solids** Not applicable
- **Self-reactive substances and mixtures** Not applicable
- **Pyrophoric liquids** Not applicable
- **Pyrophoric solids** Not applicable
- **Self-heating materials and mixtures** Not applicable
- **Substances and mixtures which release flammable gases in contact with water** Not applicable
- **Oxidizing liquids** Not applicable
- **Oxidizing solids** Not applicable
- **Organic peroxides** Not applicable
- **Substances or mixtures corrosive to metals** Not applicable
- **Desensitized explosives** Not applicable

### SECTION 10 : Stability and reactivity

- **10.1 Reactivity :** No other relevant information available.
- **10.2 Chemical stability :** Thermal decomposition/conditions to be avoided: No decomposition when used as intended.
- **10.3 Possibility of hazardous reactions :** No known hazardous reactions.
- **10.4 Conditions to avoid :** No other relevant information available.
- **10.5 Incompatible materials :** No other relevant information available.
- **10.6 Hazardous decomposition products :** No hazardous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity :** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification :**
- **CAS : 5989-27-5 (R)-p-mentha-1,8-diène**
- **Oral LD50 4.400 mg/kg (rat)**
- **Skin corrosion/skin irritation :** Causes skin irritation.

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- **Serious eye damage/eye irritation** : On the basis of available data, the classification criteria are not met.
- **Respiratory or skin sensitization** : May cause skin allergy.
- **Germ cell mutagenicity** : On the basis of available data, the classification criteria are not met.
- **Carcinogenicity** : On the basis of available data, the classification criteria are not met.
- **Reproductive toxicity** : On the basis of available data, the classification criteria are not met.
- **Specific target organ toxicity (STOT) - single exposure** : On the basis of available data, the classification criteria are not met.
- **Specific target organ toxicity (STOT) - repeated exposure** : On the basis of available data, the classification criteria are not met.
- **Aspiration hazard** : May be fatal if swallowed and enters respiratory tract.

· **11.2 Information on other hazards**

· **Endocrine-disrupting properties**

None of the components are included.

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## SECTION 12 : Ecological information

· **12.1 Toxicity**

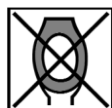
· **Aquatic toxicity :**

**CAS : 5989-27-5 (R)-p-mentha-1,8-diène**

LC50 96h 0,72 mg/l (fish)

EC50 48h 0,36 mg/l (daphnia)

- **12.2 Persistence and degradability** : No further relevant information available.
- **12.3 Bioaccumulative potential** : No further relevant information available.
- **12.4 Mobility in soil** : No other relevant information available.
- **12.5 Results of PBT and vPvB assessments**
- **PBT** : Not applicable.
- **vPvB** : Not applicable.
- **12.6 Endocrine-disrupting properties**  
For information on endocrine-disrupting properties, see section 11.
- **12.7 Other adverse effects** : No other relevant information available.
- **Other ecological information:**
- **General indications :**  
ater pollution category 2 (D) (Self-assessment) : pollutant.



Do not allow to enter groundwater, water courses or pipes.

Danger to drinking water if a small quantity leaks into the subsoil.

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### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods:**

· Recommendation :



Not to be disposed of with household waste. Do not allow to enter drains.

· **European waste catalog**

HP13 Sensitizer.

· **Uncleaned packaging**

· **Recommendation :** Dispose of in accordance with statutory regulations.

### SECTION 14 : Transport information

· **14.1 ONU number or identification number**

· DOT, ADR, IMDG, IATA

none

· **14.2 UN Proper shipping name**

· DOT, ADR, IMDG, IATA

none

· **14.3 Transport hazard class(es)**

· DOT, ADR, ADN, IMDG, IATA Class

none

· **14.4 Packaging group**

· DOT, ADR, IMDG, IATA

none

· **14.5 Environmental hazards**

Not applicable.

· **14.6 Special precautions to be taken by the user**

Not applicable.

· **14.7 Maritime bulk transport in accordance**

· with IMO instruments

Not applicable.

· ONU Model Regulations :

Not applicable

### HEADING 15 : Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture**

· **EU Directive 2012/18/EU**

· **Designated dangerous substances - ANNEX I** None of the components are included..

· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of limitation : 3

· **Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II**

None of the components are included.



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· **EU REGULATION 2019/1148**

**Annex I - EXPLOSIVE PRECURSORS SUBJECT TO RESTRICTIONS (Maximum limit for the purposes of licensing under Article 5 § 3°**

None of the components are included.

· **Annex II - EXPLOSIVE PRECURSORS REQUIRING REPORTING**

None of the components are included.

· **Regulation (EC) no. 273/2004 on drug precursors**

None of the components are included.

· **Regulation (EC) no. 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the components are included.

· **15.2 Chemical safety assessment** : A chemical safety assessment has not been performed.

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### SECTION 16 : Other information

This information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not give rise to a contractual legal relationship.

Classification in compliance with delegated regulation (EU) 2022/692 of February 16, 2022 adapting CLP to technical and scientific progress for the 18th time and amending table 3 of annex VI part 3 of regulation (EC) 1272/2008.

Classification in accordance with Delegated Regulation (EU) 2023/1434 of April 25, 2023 adapting to technical and scientific progress for the 19th time CLP and amending Annex VI part 1, section 1.1.3 of Regulation (EC) 1272/2008.

Classification in accordance with Delegated Regulation (EU) 2023/1435 of May 2, 2023 adapting to technical and scientific progress for the 20th time CLP and amending Annex VI Part 3 of Regulation (EC) 1272/2008.

Classification in accordance with Delegated Regulation (EU) 2024/197 of October 19, 2023 adapting to technical and scientific progress for the 21st time CLP and amending Annex VI Part 3 of Regulation (EC) 1272/2008.

This safety data sheet complies with Regulation (EC) No. 1907/2006, Article 31, amended by Regulation (EU) 2020/878.

· **Wording of the risk phrases cited in paragraph 3:**

· H226 Flammable liquid and vapour.

· H304 May be fatal if swallowed and enters airways.

· H315 Causes skin irritation.

· H317 May cause an allergic skin reaction.

· H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

· **Classification according to Regulation (EC) No. 1272/2008**

**Skin corrosion/skin irritation :**

**Skin sensitization**

The classification of the mixture is generally based on the calculation method using substance data in accordance with Regulation (EC) No. 1272/2008.

Aspiration hazard

Expert judgement

**Date of previous version : 23.08.2024**

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· **Acronyms and abbreviations :**

ADR : Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG : International Maritime Code for Dangerous Goods

DOT : US Department of Transportation IATA : International Air Transport Association

GHS : Globally Harmonised System of Classification and Labelling of Chemicals

EINECS : European Inventory of Existing Commercial Chemical Substances

ELINCS : European List of Notified Chemical Substances

CAS : Chemical Abstracts Service (division of the American Chemical Society)

VOCV : Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

LC50 : Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

PBT : Persistent, Bioaccumulative and Toxic

SVHC : Substances of Very High Concern

vPvB : very Persistent and very Bioaccumulative

Flam. Liq. 3 : Flammable liquids - Category 3

Skin Irrit. 2 : Skin corrosion/skin irritation - Category 2

Skin Sens. 1 : Skin sensitization - Category 1

Skin Sens. 1B : Sensibilisation cutanée – Catégorie 1B

Asp. Tox. 1 : Aspiration hazard - Category 1

Aquatic Acute 1 : Hazardous to the aquatic environment - Acute toxicity to the aquatic environment - Category 1

Aquatic Chronic 3 : Hazardous to the aquatic environment - Long-term toxicity to the aquatic environment - Category 3

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