

## 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

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

#### · 1.1 Product identifier

· **Product Name : Nautic & Deck oil**

#### · 1.2 Relevant identified uses of the substance or mixture and uses not recommended

##### · **Sector of use**

SU21 Consumer uses : Private households / general public / consumers

· **Use of substance/preparation : Wood maintenance**

#### · 1.3 Information on 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**

Emergency call number +44 1235 239670 - Europe - Service multilingue 24/7

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.

### SECTION 2 : Hazard Identification

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

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



GHS08 health hazard

Asp. Tox. 1

H304 May be fatal if swallowed and enters airways.



GHS09 environmental

Aquatic Acute 1

H400 Very toxic to aquatic life.



GHS07

Skin Irrit. 2

H315 Causes skin irritation.

Skin Sens. 1

H317 May cause an allergic skin reaction.

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Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

### · 2.2 Labelling elements

#### · Labelling according to Regulation (EC) No 1272/2008 :

The product is classified and labelled according to CLP.

#### · Hazard pictograms :



GHS07 GHS08 GHS09

#### · Warning Note : Danger

#### · Dangerous components determining 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.

H410 Very toxic to aquatic life with long lasting effects.

#### · Precautionary Statements :

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

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

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.

P405 Store locked up.

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, paragraph 1 of REACH as having endocrine disrupting properties, or is not recognised 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%.

#### · Results of PBT and vPvB assessments :

· PBT : Not applicable.

· vPvB : Not applicable.

#### · Determination of endocrine disrupting properties

No additional information available

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### SECTION 3 : Composition/component information

#### · 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	25-<50%
EINECS: 227-813-5	⚠ Flam. Liq. 3, H226;	⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1,
Numéro index: 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		

· **SVHC** None

· **Indications complémentaires :** For the wording of the listed risk phrases, please refer to the section 16.

### SECTION 4 : First aid

#### · 4.1 Description of first aid measures

##### · **After inhalation :**

- Give plenty of fresh air and see a doctor for safety.
- In case of unconsciousness, lie down and transport the person in a stable lateral position.

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

##### · **After contact with eyes :**

Rinse eyes under running water for several minutes, with the eyelids well spread.

· **After ingestion :** Do not cause vomiting, urgently seek medical assistance.

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

No other important information available.

#### · 4.3 Indication of any immediate medical care and special treatment required :

No other important information available.

### SECTION 5 : Fire-fighting measures

#### · 5.1 Extinguishing means :

CO2, extinguishing powder or spray water. Combat large fires with spray water or alcohol-resistant foam.

#### · 5.2 Specific hazards of the substance or mixture :

Toxic gas formation potential in case of heating or fire.

#### · 5.3 Advice for firefighters :

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

### SECTION 6 : Measures to be taken in the event of accidental dispersion

#### · 6.1 Individual precautions, protective equipment and emergency procedures

The product forms a slippery layer with water.

Wear safety equipment. Remove unprotected persons.

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

· **For first aid workers :** No other important information available.

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· **6.2 Precautions for environmental protection**

Do not flush into sewer or natural environment.

If water or sewage is entering, notify the competent authorities.

Dilute with plenty of water.

Do not discharge into pipes, surface water or groundwater.

· **6.3 Methods and equipment for containment and cleaning :**

Collect liquids using an absorbent (sand, kieselguhr, acid neutralizer, universal binder, sawdust).

Ensure sufficient ventilation.

· **6.4 Reference to other sections**

· Afin d'obtenir des informations pour une manipulation sûre, consulter le chapitre 7.

· Afin d'obtenir des informations sur les équipements de protection personnels, consulter le chapitre 8.

· Afin d'obtenir des informations sur l'élimination, consulter le chapitre 13.

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## SECTION 7 : Handling and storage

· **7.1 Precautions for safe handling :**

Ensure proper ventilation/suction of the workstation.

Avoid the formation of aerosols.

· **Fire and explosion prevention :**



Keep away from sources of ignition - do not smoke.

Take measures against electrostatic charges.

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

· **Storage :**

· **Storage Site and Container Requirements :** No Specific Requirements.

· **Common storage information :** Not required.

· **Other storage conditions :** Keep packages tightly closed.

· **7.3 Special final(s) use(s) :** No other important information available.

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## SECTION 8 : Exposure controls/personal protection

· **8.1 Control parameters:**

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

The product does not contain significant quantities of substances with threshold values to be monitored per work place.

· **Additional remarks :**

This document is based on the lists in effect at the time of its preparation.

· **8.2 Exposure controls**

· **Appropriate engineering controls :** Without further indication, see section 7.

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

· **General protective and hygiene measures :**

Remove soiled or damp clothing immediately.

Wash hands before breaks and at the end of work

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### · Respiratory protection :



Use a respiratory filter for low or short-term exposure; use an air breathing device independent of ambient air for high or long-term exposure.

### · Hand protection :



Protective gloves

### · Glove material : Nitrile

### · Eye/face protection



Airtight protective glasses

## SECTION 9 : Physical and chemical properties

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

#### · General Indications

#### · Physical condition :

Liquid

#### · Form :

Liquid

#### · Color :

Yellowish

#### · Odor :

Characteristic

#### · Olfactory threshold :

Undetermined.

#### · Melting/freezing point :

Undetermined.

#### · Boiling point or initial boiling point and boiling interval :

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

#### · Flammability :

Not applicable.

#### · Lower and upper explosion limits

#### · Lower :

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

#### · Superior :

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

#### · Flash point :

>100 °C.

#### · Temperature of auto ignition :

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

#### · Decomposition temperature :

Undetermined.

#### · pH

Non-polar/aprotic blend.

Undetermined.

#### · Viscosity :

#### · Kinematic viscosity :

Undetermined.

#### · Dynamic :

Undetermined.

#### · Solubility :

#### · In water :

Not or slightly miscible

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

Undetermined.

#### · Vapour pressure at 20 °C :

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

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· Density and/or relative density	
· Density at 20 °C :	0,9089 g/cm <sup>3</sup>
· Relative density :	Undetermined.
· Vapour density :	Undetermined.
· 9.2 Other information:	
· Important information for health, safety and environmental protection	
· Ignition temperature :	The product does not ignite spontaneously.
· Explosive properties :	The product is not explosive ; however, explosive vapour-air mixtures may be formed.
· Solvent content :	
· COV (CH) :	30,00 %
· Change of status	
· Evaporation rate :	Undetermined.
· Information on physical hazard classes	
· Explosive substances and mixtures	None
· Flammable gases	None
· Aerosols	None
· Oxidizing gases	None
· Gases under pressure	None
· Flammable liquids	None
· Flammable solids	None
· Self-reactive substances and mixtures	None
· Pyrophorique liquids	None
· Pyrophoric solids	None
· Self-heating materials and mixtures	None
· Substances and mixtures that release flammable gases in contact with water	None
· Oxidizing liquids	None
· Oxidizing solids	None
· Organic peroxides	None
· Substances or mixtures corrosive to metals	None
· De-sensitized explosives	None

### SECTION 10 : Stability and responsiveness

- **10.1 Reactivity** : No other important information available.
- **10.2 Chemical stability:**
- **Thermal decomposition/conditions to be avoided** : No decomposition if used in accordance with.
- **10.3 Potential for hazardous reactions** : No known hazardous reaction.
- **10.4 Conditions to avoid** : No other important information available.
- **10.5 Incompatible materials** : No other relevant information available.
- **10.6 Hazardous Decomposition Products** : No known hazardous decomposition products

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### SECTION 11 : Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** : Based on available data, classification criteria are not met.
- **LD/LC50 values are determinants for classification :**  
**CAS : 5989-27-5 (R)-p-mentha-1,8-diène**  
Oral LD50 4.400 mg/kg (rat)
- **Skin corrosion/irritation** : Causes skin irritation.
- **Severe eye damage/eye irritation**  
Based on available data, classification criteria are not met.
- **Respiratory or skin sensitization** : May cause skin allergy.
- **Germ cell mutagenicity**  
Based on available data, classification criteria are not met.
- **Carcinogenicity** : Based on available data, classification criteria are not met.
- **Reproductive toxicity**  
Based on available data, classification criteria are not met.
- **Target organ specific toxicity (STOT) - single exposure**  
Based on available data, classification criteria are not met.
- **Target organ specific toxicity (STOT) - repeated exposure**  
Based on available data, classification criteria are not met.
- **Aspiration hazard** : May be fatal if swallowed and penetrated into the respiratory tract.
- **11.2 Information on other hazards**
- **Endocrine disrupting properties** : Aucun des composants n'est compris.

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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 other relevant information available.
- **12.3 Bioaccumulation potential** : No other relevant information available.
- **12.4 Mobility in the ground** : 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, refer to section 11.
- **12.7 Other adverse effects** : No other relevant information available.



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· **Note :**

Highly toxic to fish.

Harmful to fish.

· **Other ecological indications :**

· **General Indications :**

Water pollution category 2 (D) (Clean Classification) : pollutant



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

Danger to drinking water from small amount leaking into the basement.

In the water, also toxic to fish and plankton.

Very toxic to aquatic organisms.

Harmful to aquatic organisms.

## SECTION 13 : Disposal considerations

· **13.1 Waste treatment methods:**

· **Recommandation :**



Must not be disposed of with household waste. Do not allow to enter sewers.

· **European waste catalogue**

HP4 Irritant - skin irritation and eye damage

HP13 Sensitizing

HP14 Ecotoxic

· **Uncleaned packaging**

· **Recommendation :** Evacuation in accordance with legal requirements.

· **Recommended cleaning product :** water, optionally with cleaning products

## SECTION 14 : Transport information

· **14.1 UN Number or Identification Number**

· **DOT, ADR, IMDG, IATA** UN3082

· **14.2 Official UN Transport Designation**

· **DOT** Environmentally hazardous substance, liquid, n.o.s. (Dipentene)

· **ADR** UN3082 ENVIRONMENTALLY HAZARDOUS MATERIAL, LIQUID, N.S.A. (DIPENTÈNE)

· **IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE), MARINE POLLUTANT

· **IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (containing DIPENTENE)



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#### · 14.3 Transport hazard class(s)

##### · DOT, IMDG



##### · Classe

9 Miscellaneous dangerous goods and articles.

##### · Label

9

##### · ADR



##### · Classe

9 (M6) Miscellaneous dangerous goods and articles.

##### · Étiquette

9

##### · IATA



##### · Class

9 Miscellaneous dangerous goods and articles.

##### · Label

9

##### · 14.4 Packing group

##### · DOT, ADR, IMDG, IATA

III

##### · 14.5 Environmental hazards

The product contains environmentally hazardous materials t : (R)-p-mentha-1,8-diène

##### · Marine pollutant :

Conventional sign (fish and tree)

##### · Special marking (ADR) :

Conventional sign (fish and tree)

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

Caution : Miscellaneous dangerous goods and objects.

##### · Danger code :

90

##### · No EMS :

F-A, S-F

##### · Storage Category

A

##### · 14.7 Bulk shipping in accordance with OMI instruments

Not applicable.

##### · Additional transport information:

##### · DOT

##### · Quantity limitations

On passenger aircraft/rail : No limit

On cargo aircraft only : No limit

##### · Remarks :

Specific marking with the symbol (fish and tree).

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- **ADR**
- **Limited quantities (LQ)** 5L
- **Excepted quantities (EQ)** Code : E1  
Maximum net quantity per inner package : 30 ml  
Maximum net quantity per outer package : 1000 ml
- **Category of transport** 3
- **Tunnel restriction code** (-)
- **Remarks :** > 5 l: 9
- **IMDG**
- **Limited quantities (LQ)** 5L
- **Excepted quantities (EQ)** Code : E1  
Maximum net quantity per inner packaging : 30 ml  
Maximum net quantity per outer packaging : 1000 ml
- **IATA**
- **Remarks :** > 5 l: Class 9
- **UN " Model Regulations" :** UN 3082 HAZARDOUS POINT MATERIAL  
ENVIRONMENTAL VIEW, LIQUID, N.O.S. (DIPENTENE), 9, III

### SECTION 15 : Regulatory information

- **15.1 Regulations/legislation specific to the substance or mixture in relation to safety, health and environment**
- **Directive 2012/18/EU**
- **Designated Hazardous Substances - ANNEX I :** None of the components included.
- **Category SEVESO E1 :** Danger to the aquatic environment
- **Threshold quantity (tonnes) for the application of low threshold requirements :** 100 t
- **Threshold quantity (tonnes) for the application of the high threshold requirements :** 200 t
- **REGULATION (EC) No. 1907/2006 ANNEX XVII :** Conditions of limitation : 3
- **Directive 2011/65/EU on the limitation of the use of certain hazardous substances in electrical and electronic equipment – Annex II**  
None of the components is included
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Maximum limit value for the purpose of granting a licence under Article 5.3)**  
None of the components is included.
- **Annex II - EXPLOSIVES PRECURSORS TO BE REPORTED**  
None of the components is included.
- **Regulation (EC) No 273/2004 on drug precursors**  
None of the components is included.

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- **Regulation (EC) No 111/2005 laying down rules for the surveillance of trade in drug precursors between the Community and third countries**

None of the components is included.

- **15.2 Chemical safety assessment** : A chemical safety assessment was not completed.

### SECTION 16 : Other information

These indications are based on the current state of our knowledge, but do not constitute a guarantee as to the properties of the product and do not give rise to a contractual legal relationship.

Classification in accordance with Delegated Regulation (EU) 2022/692 of 16 February 2022 adapting the 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 25 April 2023 adapting the CLP to technical and scientific progress for the 19th time and amending section 1.1.3 of Annex VI, part 1, of Regulation (EC) 1272/2008.

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

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

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

- **Wording of the risk phrases in section 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/irritation

Skin sensitization

Aquatic hazards- short-term (acute) aquatic hazard

Aquatic hazards- long-term (chronic) aquatic hazard

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

Aspiration Hazard

Expert judgement

- **Date of previous release** : 23.08.2024

### · **Acronymes et abréviations :**

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)

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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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