

# **Certificate of Analysis**

PRODUCT DETAILS				
Product Name	PINE OIL SYLVESTRIS			
Product Code	OEPINESYLV			
Batch Number	4575703			
Best Before End	APRIL 2028	APRIL 2028		
Identification	CAS No: 84012-35-1	EINECS No: 281-679-2		
	Alternative CAS: 8023-99-2			
PHYSICAL AND CHEMICA	AL CHARACTERISTIC			
	SPECIFICATION RANGE	RESULTS		
Appearance	Liquid	Conforms		
Colour	Colourless to Pale Yellow	Conforms		
Odour	Characteristic	Conforms		
Relative Density @ 20°C	0.855 - 0.875	0.8599		
Refractive Index @ 20°C	1.465 - 1.480	1.4706		
Optical Rotation °	-30 to +10	-24.6		
Flash Point °C	≥37	Conforms		
STORAGE				
Storage	Store in tightly closed container w	Store in tightly closed container with minimum headspace in a cool, dark and		
	dry place.	dry place.		

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

Issue date: 15/02/2024 Version: 1 (30/01/2024)

## **ALLERGEN 2023 DECLARATION**

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Cosmetic and Detergent regulations.

## **PINE OIL SILVESTRIS**

Ingredient	CAS	EC	Concentration (%)
Alpha-Terpinene	99-86-5	202-795-1	1%
Beta-Caryophyllene	87-44-5	201-746-1	6%
ic.arvone	99-49-0, 6485-40-1, 2244-16-8	202-759-5, 229-352-5, 218-827-2	0.02%
Geranyl Acetate	105-87-3	203-341-5	0.02%
Limonene	138-86-3, 7705-14-8, 5989-54-8, 5989-27-5	205-341-0, 231-732-0, 227-815-6, 227-813-5	15%
Linalool	78-70-6	201-134-4	0.23%
Pinene	80-56-8, 7785-70-8, 127-91-3, 18172-67-3	201-291-9, 232-087-8, 204-872-5, 242-060-2	85%
Terpineol	8000-41-7, 98-55-5, 138-87-4, 586-81-2	232-268-1, 202-680-6, 205-342-6, 209-584-3	1.8%
Terpinolene	586-62-9	209-578-0	4%

Please note components <1ppm are not shown.

**Regulatory Affairs Department** 



## CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT

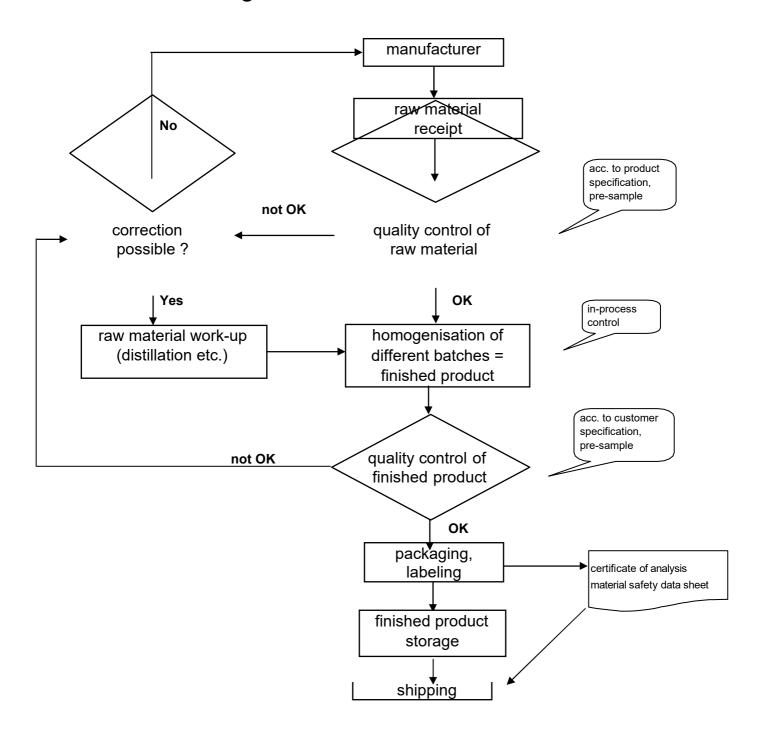
We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.

However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.

Product:: Pine Oil Sylvestris

25 January 2021

## Process flow diagram - PINE OIL SYLVETRIS





## **GMO Statement**

IDENTIFICATION		
Product:	PINE OIL SILVESTRIS	
Cas No:	84012-35-1	
EINECS No:	281-679-2	•
STATEMENT		

Referring to Regulation (EC) No 1829/2003 of 22nd September 2003 on genetically modified food and feed and Regulation (EC) No 1830/2003 of 22nd September 2003 concerning the traceability and labelling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms, we have proofed with our supplier if the above mentioned product is subject of these legislations.

According to our current knowledge and supplier's information we assume that this product has not been produced of nor contain any genetically modified organism. Therefore, it does not fall under the scope of the legislations mentioned above.

However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.

15/02/2024

This is a computer-generated document and it does not require a signature. It is the ulOmate responsibility of our customer to ensure the safety of the final product containing this material.

Version: 1 (17/01/2024)

Issue date: 17/01/2024



### CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use! as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each! Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

### **CERTIFYING PARTY:**

Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA

### **CERTIFICATE DELIVERED TO:**

## SCOPE OF THE CERTIFICATE:

PINE OIL SILVESTRIS

## **COMPULSORY INFORMATION:**

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE! ASSOCIATION (IFRA), up to and including the 51st Amendment to the IFRA Code of Practice (published June 2023),! provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)
IFRA Category 1	90.00%
IFRA Category 2	26.66%
IFRA Category 3	Not limited
IFRA Category 4	Not limited
IFRA Category 5A	Not limited
IFRA Category 5B	Not limited
IFRA Category 5C	Not limited
IFRA Category 5D	65.00%
IFRA Category 6	Not limited
IFRA Category 7A	Not limited
IFRA Category 7B	Not limited
IFRA Category 8	53.33%
IFRA Category 9	Not limited
IFRA Category 10A	Not limited
IFRA Category 10B	Not limited
IFRA Category 11A	65.00%
IFRA Category 11B	65.00%
IFRA Category 12	Not limited

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact

### ADDITIONAL INFORMATION ABOUT INGREDIENTS



Issue date: 17/01/2024 Version: 1 (17/01/2024)

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture! PINE OIL SILVESTRIS is as follows:

Materials with an IFRA limit:	CAS number(s):	Concentration (%) in the fragrance mixture
Carvone	99-49-0, 2244-16-8, 6485-40-1	0.0200%
Longifolene	475-20-7, 16846-09-6, 19067-29-9	0.3000%

Regulatory Affairs Department

# SAFETY DATA SHEET PINE OIL SYLVESTRIS

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

1.1. Product identifier

Product name PINE OIL SYLVESTRIS

Product number OEPINESYLV

Synonyms; trade names Pinus Sylvestris L.

**CAS number** 84012-35-1

Alternative Cas Number 8023-99-2

**EC number** 281-679-2

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

Industrial, only for professional use

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

Supplier Madar Corporation Limited

19 - 20 Sandleheath Industrial Estate

Fordingbridge SP6 1PA

Tel. +44 1425 655555

technical@madarcorporation.co.uk

#### 1.4. Emergency telephone number

## SECTION 2: Hazards identification

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

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304

**Environmental hazards** Aquatic Chronic 2 - H411

**Human health** May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic

skin reaction.

**Environmental** Toxic to aquatic life with long lasting effects.

Physicochemical Flammable liquid and vapour

2.2. Label elements

**EC number** 281-679-2

#### Hazard pictograms









#### Signal word

#### Danger

#### Hazard statements

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.

H411 Toxic to aquatic life with long lasting effects.

### **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking

P261 Avoid breathing vapour/ spray. P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P501 Dispose of contents/ container in accordance with national regulations.

#### **Contains**

Alpha Pinene, Beta Pinene, (S)-p-mentha-1,8-diene, Delta-3-Carene, 7-methyl-3-

methyleneocta-1,6-diene, a terpinolene

## Supplementary precautionary

## statements

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

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

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention.

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

P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Alpha Pinene 30-60%

CAS number: 80-56-8 EC number: 201-291-9

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Beta Pinene 3 - 25%

CAS number: 127-91-3 EC number: 242-060-2

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

(S)-p-mentha-1,8-diene 4 - 15%

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Delta-3-Carene 2 - 20%

#### Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Camphene 0.4 - 7.5%

CAS number: 79-92-5 EC number: 201-234-8

M factor (Acute) = 1 M factor (Chronic) = 1

#### Classification

Flam. Sol. 1 - H228 Eye Irrit. 2 - H319 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

## 7-methyl-3-methyleneocta-1,6-diene 1.5 - 10%

CAS number: 123-35-3 EC number: 204-622-5

M factor (Acute) = 1 M factor (Chronic) = 1

#### Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

a terpinolene 0.1 - 4%

CAS number: 586-62-9 EC number: 209-578-0

### Classification

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

Inhalation Remove person to fresh air and keep comfortable for breathing. Maintain an open airway. Get

medical attention if any discomfort continues.

**Ingestion** Rinse mouth thoroughly with water. Aspiration hazard if swallowed. Do not induce vomiting.

Get medical attention.

Skin contact Wash skin thoroughly with soap and water or use an approved skin cleanser. Continue to

rinse for at least 15 minutes and get medical attention.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15

minutes and get medical attention.

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

General information Observe risk of aspiration if vomiting occurs.

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

Notes for the doctor No data available.

#### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media Use as appropriate carbon dixoide (CO2), dry chemical or foam

Unsuitable extinguishing

media

For safety reasons do not use full water jet.

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

Specific hazards In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO2),

smoke, soot.

Hazardous combustion

products

Carbon dioxide (CO2). Carbon monoxide (CO).

#### 5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out

of sewers and watercourses.

Special protective equipment

for firefighters

Wear full protective clothing

### SECTION 6: Accidental release measures

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

Personal precautions Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear

suitable protective equipment. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of dust and vapours. Wash thoroughly after

dealing with a spillage.

#### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

Revision date: 25/01/2021 Revision: 3 Supersedes date: 20/03/2019

### PINE OIL SYLVESTRIS

#### Methods for cleaning up

Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal. Never return spills in original containers for re-use. Wash spill site after material pick up is complete.

#### 6.4. Reference to other sections

#### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

#### Usage precautions

Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Use personal protection equipment as mentioned under "exposure controls and personal protection". Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product. Do not empty into drains. Avoid release to the environment.

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

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### 7.3. Specific end use(s)

#### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### Alpha Pinene (CAS: 80-56-8)

**DNEL** Workers - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 0.54 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 0.67 mg/m³ General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day

**PNEC** 

- Fresh water; Short term 0.606 mg/l
- Fresh water, Intermittent release; 3.03 mg/l
- marine water; Short term 0.061 mg/l
- Intermittent release, marine water; 0.303 mg/l
- STP; Short term 0.2 mg/l
- Sediment (Freshwater); Short term 157 mg/kg
- Sediment (Marinewater); Short term 15.7 mg/kg
- Soil; Short term 31.7 mg/kg

#### Beta Pinene (CAS: 127-91-3)

**DNEL** Workers - Inhalation; Long term systemic effects: 5.69 mg/m³

Workers - Dermal; Long term systemic effects: 0.8 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 1 mg/m³

General population - Dermal; Long term systemic effects: 0.3 mg/kg, bw/day General population - Oral; Long term systemic effects: 0.3 bw/day, mg/kg

PNEC - Fresh water; Short term 1.004 mg/l

- Intermittent release, Fresh water; 5.02 mg/l

- marine water; Short term 0.1 mg/l

- STP; Short term 3.26 mg/l

Sediment (Freshwater); Short term 0.337 mg/kg
Sediment (Marinewater); Short term 0.034 mg/kg

- Soil; Short term 0.067 mg/kg

Revision date: 25/01/2021 Revision: 3 Supersedes date: 20/03/2019

#### PINE OIL SYLVESTRIS

#### Delta-3-Carene (CAS: 13466-78-9)

**DNEL** Workers - Inhalation; Long term systemic effects: 5.69 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 1 mg/m³

General population - Dermal; Long term systemic effects: 0.3 mg/kg, bw/day General population - Oral; Long term systemic effects: 0.3 bw/day, mg/kg

PNEC - Fresh water; Short term 0.44 mg/l

- marine water; Short term 0.044 mg/l

- STP; Short term 3.26 mg/l

Sediment (Freshwater); Short term 104 mg/kgSediment (Marinewater); Short term 10.4 mg/kg

- Soil; Short term 20.8 mg/kg

#### 7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3)

**DNEL** Workers - Dermal; Long term systemic effects: 0.83 mg/kg

Workers - Inhalation; Long term systemic effects: 5.83 mg/m³

General population - Dermal; Long term systemic effects: 0.42 mg/kg General population - Inhalation; Long term systemic effects: 1.25 mg/m³

**PNEC** - STP; 0.2 mg/l

- Soil; 1.015 mg/kg

Fresh water; 0.00028 mg/lmarine water; 0.0008 mg/l

Sediment (Freshwater); 5.022 mg/kgSediment (Marinewater); 0.502 mg/kg

#### Camphene (CAS: 79-92-5)

**DNEL** Workers - Inhalation; Long term systemic effects: 110.19 mg/m³

Workers - Inhalation; Short term systemic effects: 110.19 mg/m³ Workers - Dermal; Long term systemic effects: 0.21 mg/kg, bw/day Workers - Dermal; Short term systemic effects: 1.25 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 54.3 mg/m³

General population - Inhalation; Short term systemic effects: 54.3 mg/m³ General population - Dermal; Long term systemic effects: 0.1 bw/day, mg/kg General population - Dermal; Short term systemic effects: 0.625 bw/day, mg/kg General population - Oral; Long term systemic effects: 0.1 bw/day, mg/kg

General population - Oral; Short term systemic effects: 0.625 bw/day, mg/kg

PNEC - Fresh water; Short term 0.001 mg/l

- Intermittent release, Fresh water; 0.001 mg/l

- marine water; Short term 0 mg/l

- STP; Short term 10 mg/l

Sediment (Freshwater); Short term 0.026 mg/kgSediment (Marinewater); Short term 0.003 mg/kg

- Soil; Short term 0.021 mg/kg

a terpinolene (CAS: 586-62-9)

**DNEL** Workers - Inhalation; Long term systemic effects: 3.6 mg/m<sup>3</sup>

> Workers - Dermal; Long term systemic effects: 0.52 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 0.9 mg/m³ General population - Dermal; Long term systemic effects: 0.26 bw/day, mg/kg General population - Oral; Long term systemic effects: 0.26 bw/day, mg/kg

**PNEC** - Fresh water; Short term 0.634 mg/l

- Fresh water, Intermittent release; Short term 0.634 mg/l

- marine water; Short term 0.063 mg/l

- STP; Short term 0.2 mg/l

- Sediment (Freshwater); Short term 14.7 mg/kg - Sediment (Marinewater); Short term 14.7 mg/kg

- Soil; Short term 29.1 mg/kg

#### 8.2. Exposure controls

#### Protective equipment









Appropriate engineering

controls

Provide eyewash station Provide adequate ventilation.

Use personal protection according to Directive 89/686/EEC Personal protection

Eye/face protection Approved safety goggles.

Hand protection Chemical resistant gloves (PVC)

Other skin and body

protection

Wear apron or protective clothing in case of contact.

Hygiene measures Good personal hygiene procedures should be implemented.

Respiratory protection Generally unnecessary in a well ventilated area.

If ventilation is insufficient, respiratory protection must be worn.

**Environmental exposure** 

controls

Avoid discharging into drains. Do not allow run-off fire fighting to enter drains or water

courses.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

**Appearance** Liquid.

Colour Colourless to pale yellow.

Odour Characteristic.

<-20°C Melting point

169.4°C @ 101.325 kPa Initial boiling point and range

> 37°C Flash point

Relative density 0.855 - 0.875 @ 20°C

9.2. Other information

Refractive index 1.465 - 1.480 @ 20°C

**Optical Rotation** -30 to +10

#### **Hydrocarbon Content**

#### SECTION 10: Stability and reactivity

10.1. Reactivity

**Reactivity** The substance is stable under normal storage and handling conditions.

10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous

No potentially hazardous reactions known.

reactions

products

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Oxidising materials.

10.6. Hazardous decomposition products

Hazardous decomposition

When heated to decomposition, it emits acrid smoke, fumes as well as monoxide and carbon

dioxide.

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅o) LD₅o >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) No information available.

Acute toxicity - inhalation

Notes (inhalation LC50) No information available.

Skin corrosion/irritation

**Skin corrosion/irritation** May cause skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation No data available.

Skin sensitisation

**Skin sensitisation** May cause an allergic skin reaction.

Aspiration hazard

**Aspiration hazard** May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

#### 12.1. Toxicity

**Toxicity** No data available.

Chronic aquatic toxicity

Toxicity to soil No data available.

#### 12.2. Persistence and degradability

Revision date: 25/01/2021 Revision: 3 Supersedes date: 20/03/2019

## PINE OIL SYLVESTRIS

#### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

No data available. Mobility

#### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

### **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority. Do not empty into drains. Avoid release to the environment.

## SECTION 14: Transport information

## 14.1. UN number

UN No. (ADR/RID) 1272 UN No. (IMDG) 1272 UN No. (ICAO) 1272 UN No. (ADN) 1272

## 14.2. UN proper shipping name

Proper shipping name

PINE OIL

(ADR/RID)

Proper shipping name (IMDG) PINE OIL Proper shipping name (ICAO) PINE OIL Proper shipping name (ADN) PINE OIL

## 14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

**IMDG** class 3

ICAO class/division 3

**ADN class** 3

### Transport labels



## 14.4. Packing group

ADR/RID packing group Ш IMDG packing group Ш ICAO packing group Ш ADN packing group Ш

Revision date: 25/01/2021 Revision: 3 Supersedes date: 20/03/2019

### PINE OIL SYLVESTRIS

#### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

EmS F-E, S-E

ADR transport category 3

Emergency Action Code 3Y

Hazard Identification Number 30

(ADR/RID)

Tunnel restriction code (D/E)

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### SECTION 15: Regulatory information

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

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16

December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Guidance CHIP for everyone HSG228.

#### 15.2. Chemical safety assessment

#### SECTION 16: Other information

Revision date 25/01/2021

Revision 3

Supersedes date 20/03/2019

SDS number 5176

Hazard statements in full H226 Flammable liquid and vapour.

H228 Flammable solid. H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Issue date: 15/02/2024 Version: 1 (17/01/2024)

## **SPECIFICATION**

The following information is accurate to the best of our knowledge Please see our Safety Data Sheet for the hazardous information of this product.

**PRODUCT: PINE OIL SILVESTRIS OEPINESILV** PRODUCT CODE: CAS NO: 84012-35-1 Other Identifier: EC: 281-679-2 Alternate CAS: 8023-99-2 FEMA: 2906 Tariff Number: 33012949 Liquid Appearance (state): Colourless to Pale Yellow Appearance (colour): Odour: Characteristic Specific Gravity @ 20C: 0.8550 - 0.87501.4765 - 1.4800 Refractive Index @ 20C: -30 to +10 Optical Rotation: 37 °C Flash Point: Melting Point: < -20 °C Store in a well-ventilated place. Keep container tightly closed.! Storage: Refer to COA Shelf Life:

Regulatory Department

This specification is computer generated and valid without a signature



## **Vegan and Vegetarian Statement**

IDENTIFICATION		
Product:	PINE OIL SYLVESTRIS	
Cas No:	84012-35-1	
EINECS No:	281-679-2	
STATEMENT		

We, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan diet.

It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.

17/2/2023

This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.