

## SAFETY DATA SHEET

according to Regulation (EU) 2020/878 of 18 June 2020

### Santal Plus - Reed Diffuser

Date of compilation: 23.11.2022

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

##### 1.1. Product identifier

Product name: **Santal Plus - Reed Diffuser**

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

Application: Diffuser

Uses advised against: not specified

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

**Candly Sp. z o.o.**  
ul. Królowej Marysieńki 90/3  
02-954 Warszawa  
tel. 790-004-969  
office@candly.eu

##### 1.4. Emergency telephone number

European emergency number 112

#### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008 (CLP)

**Flam. Liq. 2**

**H225** Highly flammable liquid and vapour.

**Skin Sens. 1**

**H317** May cause an allergic skin reaction.

**Eye Irrit. 2**

**H319** Causes serious eye irritation.

**Aquatic Chronic 3**

**H412** Harmful to aquatic life with long lasting effects.

##### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Signal word

**DANGER**

Pictograms



Hazard statements

**H225** Highly flammable liquid and vapour.

**H317** May cause an allergic skin reaction.

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#### Precautionary statements

**P102** Keep out of reach of children.

#### Prevention

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

**P211** Do not spray on an open flame or other ignition source.

**P273** Avoid release to the environment.

#### Response

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

**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Storage

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#### Removal

**P501** Dispose of contents/container to properly labeled waste containers in accordance with local regulations.

#### Additional information

**EUH208** Contains 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Coumarin. May produce an allergic reaction.

#### 2.3. Other hazards

Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Name of substance	Identifier	Classification 1272/2008	% weig.
Ethanol <sup>[1]</sup> <sup>[2]</sup>	Index: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 Reg. no REACH: 01-2119457610-43-XXXX	Flam. Liq. 2 Eye Irrit. 2 H225 H319	60-80
1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	Index: -- CAS: 68155-66-8, 54464-57-2 EC: 268-978-3, 259-174-3 Reg. no. REACH: 01-2119489989-04-XXXX	Skin Irrit. 2 Skin Sens. 1B Aquatic Chronic 1 H315 H317 H410	≤ 1
Bicyclo[7.2.0.]undec-4-ene, 4,11,11-trimethyl-8-methylene-, (1R,4E,9S)- [beta caryophyllene]	Index: -- CAS: 87-44-5 EC: 201-746-1 Reg. no REACH: 01-2120745237-53-XXXX	Asp. Tox. 1 Skin Sens. 1B H304 H317	≤ 1
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one [Cashmeran]	Index: -- CAS: 33704-61-9 EC: 251-649-3 Reg. no. REACH: 01-2119977131-40-XXXX	Skin Sens. 1B Eye Irrit. 2 H317 H319	< 1

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3,7-Dimethyl-6-octen-1-ol  
[Citronellol]

Index: --  
CAS: 106-22-9  
EC: 203-375-0  
Reg. no REACH:  
01-2119453995-23-XXXX

Skin Sens. 1B	H317	< 1
Eye Irrit. 2	H319	
Skin Irrit. 2	H315	

Propan-2-ol <sup>[2]</sup>

Index: 603-117-00-0  
CAS: 67-63-0  
EC: 200-661-7  
Reg. no REACH:  
01-2119457558-25-XXXX

Flam. Liq. 2	H225	< 1
Eye Irrit. 2	H319	
STOT SE 3	H336	

#### Notes

The full meaning of the risk phrases H included in the chapter 16

<sup>[1]</sup> Specific concentration limits

Ethanol: Eye Irrit. 2: C ≥ 50 %

<sup>[2]</sup> Substances for which there are national occupational exposure limit values

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### If inhaled

Remove person to fresh air and keep comfortable for breathing.

Ensure warmth and calm.

Provide medical assistance if necessary.

#### If swallowed

Do not induce vomiting.

Rinse mouth.

If unconscious – do not give the person anything to swallow.

Transport the injured person to a hospital if necessary.

#### If in eyes

Remove contact lenses.

Rinse contaminated eyes with lukewarm water for 10-15 minutes. Avoid strong water stream - risk of cornea damage.

Provide medical assistance if necessary.

#### If on skin

Remove contaminated clothing immediately.

Clean contaminated skin, wash with plenty of water, then wash with water and mild soap.

If skin irritation persists, consult a doctor.

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

No data available

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

Symptomatic treatment.

First aid supplies should be available on the workplace premises.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

Highly flammable liquid and vapour.

##### **Hazardous combustion products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

##### **Explosive mixture**

Some components may form explosive mixtures with air under favourable thermal conditions.

#### 5.3. Advice for firefighters

Use standard firefighting methods for extinguishing chemical fires.

Use water spray jets to disperse vapours.

##### **Fire-fighter protective equipment**

Full personal protective equipment.

Self-contained breathing equipment.

### SECTION 6: Accidental release measures

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

Provide adequate ventilation. Avoid contact with eyes and skin. Wear appropriate protective equipment.

Remove all sources of ignition.

#### 6.2. Environmental precautions

Prevent environmental contamination.

Protect drains.

In case of serious contamination of soil, watercourse or sewage system, notify the appropriate authorities.

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

Eliminate all sources of ignition. No smoking.

Secure any damaged packaging.

Ventilate the area affected and avoid inhaling vapours.

Collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite).

Place all contaminated mass collected in a substitute container and send it for disposal in accordance with the local regulations.

Rinse the contaminated surface with plenty of water.

#### 6.4. Reference to other sections

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### **Recommendations for handling the mixture**

Provide adequate ventilation.

Avoid contact with eyes and skin.

##### **General industrial health and safety regulations**

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Replace contaminated clothing.

Wash contaminated clothing before reusing.

##### **Guidance on fire and explosion prevention**

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

Use explosion-proof electrical/ventilating/lighting/equipment.

In case of usage and/or insufficient ventilation, highly-explosive and flammable mixtures may form.

Prevent accumulation of electrostatic charges.

Use non-sparking tools.

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

Storage rooms must be ventilated.  
Store in a dry and cool place.  
Keep only in the original container.  
Keep away from sunlight, as well as heat and ignition sources.  
Do not store together with foodstuffs and animal feed.  
Do not handle until all safety precautions have been read and understood.

#### 7.3. Specific end use(s)

No data available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace

Name of the chemical agent	CAS	Limit values				Comments
		Long-term			Short-term	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Ethanol	64-17-5	1000	1920	-	-	-
Propan-2-ol	67-63-0	400	999	500	1250	

#### DNEL

Ethanol

DNEL inhalation (acute): 1900mg/ m<sup>3</sup> (1000ppm)

DNEL inhalation (chronic): 950mg/ m<sup>3</sup> (500ppm)

DNEL skin (chronic): 343mg/kg bw/day

#### PNEC

Ethanol

PNEC Fresh water: 0,96 mg/l

PNEC Marine water: 0,79 mg/l

PNEC Intermittent release: 2,75 mg / l

PNEC Sewage treatment plant: 580 mg/l

PNEC Fresh water sediment: 3,6 mg/kg

PNEC Marine water sediment: 2,9 mg/kg

PNEC Soil: 0,63 mg/kg

PNEC Oral: 0,72g/kg

#### 8.2. Exposure controls

##### Appropriate engineering controls

Workstations and storage rooms must be well ventilated to keep the dust/vapour concentrations in the air below their limit values.

##### Individual protection measures

##### Eye or face protection

Recommended: use safety goggles compliant with the EN 166 standard.

##### Skin protection

##### Hand protection

In case of danger, use chemical-resistant protective gloves compliant with the EN 374 standard.

Select glove material based on breakthrough time, rate of penetration and degradation.

It is recommended to change gloves regularly and immediately replace them if they have any signs of wear,

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damage (tears, holes) or their appearance changes (colour, flexibility, shape).

#### Body protection

The type of protective equipment must be selected based on the quantity and concentration of hazardous substances in the given work environment.

#### Respiratory protection

If proper ventilation is provided, respiratory protection equipment is not required.

#### Environmental exposure controls

Do not discharge into drains and groundwater.

#### General health and safety guidelines

Follow good personal hygiene practices.

### SECTION 9: Physical and chemical properties

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

Physical state	Liquid
Colour	No data available
Odour	Characteristic
Melting point/freezing point	-114 °C [ethanol]
Boiling point or initial boiling point and boiling range	~78°C [ethanol]
Flammability	No data available
Lower and upper explosion limit	2,5 – 13,5 % obj. [ethanol]
Flash point	~13°C [ethanol]
Auto-ignition temperature	~373°C [ethanol]
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	Soluble in water
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Density and/or relative density	No data available
Relative vapour density	No data available
Particle characteristics	No data available

#### 9.2. Other information

No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Not reactive if used according to specifications.

#### 10.2. Chemical stability

Under normal storage and use of the substance is chemically stable.

#### 10.3. Possibility of hazardous reactions

Vapors may form explosive mixtures with air.

#### 10.4. Conditions to avoid

Avoid sources of ignition, open flame, excessive heating

#### 10.5. Incompatible materials

Strong oxidizing agents, strong acids and bases.

#### 10.6. Hazardous decomposition products

No data available

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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, the classification criteria are not met.

###### Ethanol [CAS 64-17-5]

DLLO - oral, child 2000 mg / kg

DTLO - oral, male 700 mg / kg

DLLO - oral, human 1400 mg / kg

DL50 – oral, rat 7060 mg / kg

CL50 – inhalation, rat 20000 mg / l (10h)

LC50 (inhalation, mouse): 39 mg / m<sup>3</sup> / 4h

LD50 (oral, mouse): 3450 mg / kg

LD50 (oral, rabbit): 6300 mg / kg

###### skin corrosion/irritation

Based on available data, the classification criteria are not met.

###### serious eye damage/irritation

Causes serious eye irritation.

###### respiratory or skin sensitisation

May cause an allergic skin reaction.

###### germ cell mutagenicity

Based on available data, the classification criteria are not met.

###### carcinogenicity

Based on available data, the classification criteria are not met.

###### reproductive toxicity

Based on available data, the classification criteria are not met.

###### STOT-single exposure

Based on available data, the classification criteria are not met.

###### STOT-repeated exposure

Based on available data, the classification criteria are not met.

###### Aspiration hazard

Based on available data, the classification criteria are not met.

##### 11.2. Information on other hazards

###### Endocrine disrupting properties

No data

###### Other information

No data

#### SECTION 12: Ecological information

##### 12.1. Toxicity

###### Acute toxicity

Based on available data, the classification criteria are not met.

###### Ethanol [CAS 64-17-5]

CL0 - fish (Leuciscus idus melanotus) 7110 mg / l (48h)

CL50 - fish (Leuciscus idus melanotus) 8140 mg / l (48h)

CE50 - invertebrates (Daphnia magna) > 10000 mg / l (24h)

CE50 - invertebrates (Nitocra spinipes) 7750 mg / l (96h)

CE50 - algae (Chlorella pyrenoidosa) 9310 mg / l

##### 12.2. Persistence and degradability

No data

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#### 12.3. Bioaccumulative potential

No data

#### 12.4. Mobility in soil

No data

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

This mixture does not contain substances that meet the criteria for PBT or vPvB in accordance with Annex XIII.

#### 12.6. Endocrine disrupting properties

No data

#### 12.7. Other adverse effects

No data

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Dispose of in accordance with current regulations.

Hand over any used packaging to an authorised company for disposal or reuse.

Do not discharge into drains, sewage systems or surface waters.

### SECTION 14: Transport information

#### 14.1. UN number or ID number

ADR, IMDG, IATA

UN 1993

#### 14.2. UN proper shipping name

ADR, IMDG, IATA

FLAMMABLE LIQUID, N.O.S (Ethanol)

#### 14.3. Transport hazard class(es)

ADR, IMDG, IATA

Class

3

Label



#### 14.4. Packing group

ADR, IMDG, IATA

II

#### 14.5. Environmental hazards

Marine pollutant

No

#### 14.6. Special precautions for user

Classification code:

F1

EMS number

F-E; S-E

Hazard identification number (Kemler No.)

33

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

not applicable

#### Overland transport

##### ADR

Limited quantities (LQ)

1L

Transport category

2

Tunnel restriction code

D/E

### SECTION 15: Regulatory information



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

- Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH).
- REGULATION (EC) No 1907/2006 OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
- COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

#### 15.2. Chemical safety assessment

No data

#### SECTION 16: Other information

##### Full text of H-phrases mentioned in section 3

- H225** Highly flammable liquid and vapour.  
**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.  
**H336** May cause drowsiness or dizziness.  
**H410** Very toxic to aquatic life with long lasting effects.

##### Abbreviations and Acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
PP: Severe Marine Pollutant  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
CAS Chemical Abstracts Service (division of the American Chemical Society)

##### Note to readers

The product described in the safety data sheet should be stored and used in accordance with good industrial practices and in compliance with all applicable legal regulations.

The information contained in the safety data sheet is based on the current state of knowledge and is intended to describe the product in terms of health, safety and environmental regulations. It should not be considered a guarantee of any specific product properties.

We cannot make any representations or warranties regarding the accuracy or completeness of any information provided or the quality or specifications of any products, substances or mixtures discussed herein.

The user is responsible for creating conditions for the safe use of the product and for the consequences of its misuse.

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