

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006, updated in accordance with the requirements of European Commission Regulation (EU) 2020/878	Date of preparation: 03-03-2026 Revised edition: 03-03-2026 Version: 1
Mixture: SILKOPA SILK BEDDING - Candle	Page 1 of 16

Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: **SILKOPA SILK BEDDING - Candle**

Product class: aroma candle

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

Relevant identified uses: aroma candle. The detailed use descriptor system is provided in Section 16.2.

Uses advised against: Uses other than those identified are not recommended.

1.3. Details of the manufacturer/supplier of the safety data sheet

Specify company information here!

E-mail of the responsible person for the safety data sheet: info@uficode.eu – www.uficode.eu

1.4. Emergency telephone number

In case of emergency contact your local healthcare provider (poison centre). Below is a list of nationally appointed bodies and their contact details for direct inquiries in relation to the submission of information for the purpose of emergency health response.

Full list contacts of National Appointed Bodies (and/or Poison Centre's) across the EU please see: <https://poisoncentres.echa.europa.eu/appointed-bodies>

Austria	Poisons Information Centre	+43 1 406 43 43
Belgium	Centre Antipoisons	+32022649636
Bulgaria	Temporary body - Ministry of Health	+359 2 9301214
Croatia	Croatian Institute of Public Health, Division for Toxicology	+38514686910
Cyprus	Ministry of Labour, Welfare and Social Insurance, Department of Labour Inspection	+35722405611
Czech Republic	Ministry of Health of the Czech Republic Chemical Substances and Biocidal Products Unit	+420267082257
Denmark	Danish Environmental Protection Agency	+45 72 54 40 00
Estonia	Health Board	+372 794 3500
Finland	Finnish Safety and Chemicals Agency (Tukes)	+358 5052 000
France	French National Products and Composition Database (B.N.P.C.); French Poison and toxicovigilance Centre Network	+ 33 3 83 85 21 92
Germany	German Federal Institute for Risk Assessment Hellenic Republic Independent Authority for Public Revenue	+49-30-18412-0
Greece	D.G. of the General Chemical State Laboratory Directorate of Energy, Industrial and Chemical Products	+302106479250
Hungary	National Public Health Center	+36 (1) 476 1135
Iceland	Poisons Information Center - Icelandic University Hospital	+354 543 22 22
Ireland	National Poisons Information Centre	not provided
Italy	Istituto Superiore di Sanità (ISS)	not provided

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Latvia	State Ltd "Latvian Environment, Geology and Meteorology Centre"	+371 67032600
Liechtenstein –	Not provided	not provided
Luxembourg	Centre Antipoisons (BE) on behalf of Ministère-Direction de la Santé	+320 22649636
Malta	Malta Competition and Consumer Affairs Authority (MCCAA)	+356 2395 2000
Netherlands	National Poisons Information Center	+31 88 75 585 61
Norway	Norwegian Poison Information Centre	+47 21 07 70 00
Poland	Bureau for Chemical Substances	+48 42 2538 400
Portugal	Centro de informação antivenenos	+351213303271
Romania	National Institute for Public Health, Ministry of Health	+40213183606
Slovakia	National Toxicological Information Centre	+421 2 5465 2307
Slovenia	Centre for Clinical Pharmacology and Toxicology, Division of Internal Medicine, University Medical Centre Ljubljana	+386 1 522 1293
Spain	Instituto Nacional de Toxicología y Ciencias Forenses (INTCF)	+34 917689800
Sweden	Swedish Poisons Information Centre	+46104566750

For more precise information about National Poison Centres please contact with your National Helpdesk. The list of helpdesks across the EU please sees: <https://echa.europa.eu/support/helpdesks>

Section 2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

The product is classified as hazardous according to Regulation (EC) No 1272/2008 (CLP). Accordingly, this Safety Data Sheet has been prepared in accordance with Annex II and Article 31 of Regulation (EC) No 1907/2006 (REACH), as amended.

Hazard classes:	Hazard category	Hazard statement
Aquatic Chronic	3	H412

2.2. Label elements

Hazard pictogram (s):
No
Signal word:
No
Hazard statement (s):
H412 Harmful to aquatic life with long lasting effects

Precautionary statements:

P102 Keep out of reach of children.

P273 Avoid release to the environment.

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

Hazard-determining components of labelling:

EUH208 Contains 1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl) ethanone, (6E)-3,7-Dimethylnona-1,6-dien-3-ol, 3,7-Dimethyl-1,6-octadien-3-ol. May produce an allergic reaction.

2.3. Other hazards

This mixture does not contain components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at 0.1% or higher.

This mixture does not contain endocrine-disrupting substances according to Regulation (EU) 2017/2100 or (EU) 2018/605.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixture

Substance name	CAS No. EC No. REACH Reg. No.	Classification according Regulation (EC) No 1272/2008	Quantity %
3-Methoxy-3-methyl-1-butanol	56539-66-3 260-252-4 01-2119976333-33	Eye Irrit. 2, H319	5.0-7.0
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5 214946-9 01-2119488227-29	Aquatic Chronic 1, H410 (M=1) Aquatic Acute 1, H400 (M=1)	0.5-1.0
1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl) ethanone	54464-57-2 259-174-3 01-2119489989-04	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 1, H410 (M=1)	0.1-0.5
4-Hydroxy-3-methoxybenzaldehyde	121-33-5 204-465-2 01-2119516040-60	Eye Irrit. 2, H319	0.1-0.5
(6E)-3,7-Dimethylnona-1,6-dien-3-ol	10339-55-6 233-732-6 01-2119969272-32	Eye Irrit. 2, H319 Skin Sens. 1B, H317	0.1-0.5
3-(3-Hydroxypropoxy)propan-1-ol	25265-71-8 246-770-3 01-2119456811-38	Not Classified	0.1-0.5
3,7-Dimethyl-1,6-octadien-3-ol	78-70-6 201-134-4 01-2119474016-42	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	0.1-0.5
3,7-Dimethylocta-1,6-dien-3-yl acetate	115-95-7 204-116-4 01-2119454789-19	Skin Irrit. 2, H315 Skin Sens. 1B, H317	0.1-0.5

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[3R-(3alpha,3a beta,6 beta,7 beta,8a alpha)]-Octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene	19870-74-7 243-384-7 01-2120228335-61	Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	0.1-0.5
2,4-Dimethyl-4,4a,5,9b-tetrahydroindeno[1,2-d][1,3]dioxine	27606-09-3 248-561-2 01-2120234292-00	Acute Tox. 4, H302	0.1-0.5
1-Methyl-4-prop-1-en-2-ylcyclohexene	5989-27-5 227-813-5 -	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	<0.1
(2E)-3,7-Dimethylocta-2,6-dien-1-ol	106-24-1 203-377-1 01-2119552430-49	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317	<0.1
(E)-3-Methyl-4-(2,6,6-trimethyl-1-cyclohex-2-enyl)but-3-en-2-one	127-51-5 204-846-3 -	Skin Sens. 1B, H317 Aquatic Chronic 2, H411	<0.1
Benzyl 2-hydroxybenzoate	118-58-1 204-262-9 01-2119969442-31	Skin Sens. 1B, H317 Aquatic Chronic 3, H412	<0.1
2-(Phenylmethylidene)octanal	101-86-0 202-983-3 01-2119533092-50	Skin Sens. 1B, H317 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 (M=1)	<0.1
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone	33704-61-9 251-649-3 01-2119977131-40	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 2, H411	<0.1
3-(1,3-Benzodioxol-5-yl)-2-methylpropanal	1205-17-0 214-881-6 01-2120740119-58	Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411	<0.1
(2Z)-3,7-Dimethylocta-2,6-dien-1-ol	106-25-2 203-378-7 01-2120051521-69	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	<0.1
3,7-Dimethyl-7-hydroxyoctanal	107-75-5 203-518-7 01-2119973482-31	Skin Sens. 1B, H317 Eye Irrit. 2, H319	<0.1
Prop-2-enyl 3-cyclohexylpropanoate	2705-87-5 220-292-5 01-2119976355-27	Aquatic Chronic 2, H411 Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1)	<0.1

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Propan-2yl tetradecanoate	110-27-0 203-751-4 01-2119541806-35	Not Classified	<0.1
Triethyl 2-hydroxypropane-1,2,3-tricarboxylate	77-93-0 201-070-7 01-2119955435-32	Not Classified	<0.1
1,3-Benzodioxole-5-carbaldehyde	120-57-0 204-409-7 01-2119983608-21	Skin Sens. 1B, H317	<0.1
4-Methyl-8-methylideneadamantan-2-ol	122760-84-3 406-330-5 01-0000015588-59	Acute Tox. 4, H302 Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Skin Irrit. 2, H315 Skin Sens. 1, H317	<0.1
1-(2,6,6-Trimethylcyclohexa-1,3-dien-1-yl)-2-buten-1-one	23696-85-7 245-833-2 01-2120105798-49	Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Chronic 2, H411	<0.1
1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	71048-82-3 275-156-8 01-2119535122-53	Acute Tox. 4 oral, H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	<0.1
Coconut oil	8001-31-8 232-282-8 -	Not Classified	90

See section 16 for the full text of the H statements declared above.

Section 4. FIRST AID MEASURES

4.1. Description of first aid measures

General information: Remove contaminated clothing and wash it before reuse using appropriate cleaning agents. First aid personnel should pay attention to their own safety.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Remove things how can block breathing (scarf, kerchief, etc.).

Eye contact: Do not rub the eyes. Rinse cautiously with water for at least 15 minutes, keeping the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact: Wash with plenty of water and soap. Prolonged or repeated exposure may cause skin dryness or cracking. If symptoms occur, seek medical advice. Remove contaminated clothing, shoes and other contaminated equipment, and clean them thoroughly before reuse.

If swallowed: Rinse the mouth thoroughly with water. Drink one or two glasses of water if the affected person is conscious. Do not induce vomiting. Seek medical advice.

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

Eye contact: may cause eye irritation.

Ingestion: ingestion of large amounts may cause mild gastrointestinal discomfort.

Skin contact: may produce an allergic reaction.

Inhalation: no adverse health effects are expected during normal use of the product.

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

Apply symptomatic treatment. Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: water spray, carbon dioxide, dry chemical powder or sand.

Unsuitable extinguishing media: strong water current.

5.2. Special hazards arising from the substance or mixture:

Avoid inhalation of vapors in the air, avoid large formation of steam.

5.3. Advice for firefighters: Do not breathe combustion products. Wear self-contained breathing apparatus with air supply, appropriate protective equipment and chemical-protective clothing. Avoid direct contact with product.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel: Use personal protective equipment as described in Section 8 and comply with the safety requirements of Section 7.

6.1.2. For emergency responders: In case of spills stop the work. Remove sources of ignition. Evacuate people from the polluted area to safe area. Avoid contact with skin, eyes, and inhalation. Wear protective or special working clothing. Work only with respiratory personal protective equipment.

6.2. Environmental precautions: Stop leak if safe to do so. Avoid release to the environment. Collect any spilled product (for example use universal binder).

6.3. Methods and material for containment and cleaning up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid or universal binding agents). Dispose of this material and its container to hazardous or special waste collection point (Section 13). Do not empty into drains or the aquatic environment. Wear personal protective equipment: protective clothing, goggles and gloves. Inform relevant authorities about the major accidents, or if product spread over in the big area.

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6.4. Reference to other sections:

Observe for personal protection equipment in Section 8.

For disposal considerations, see Section 13.

Section 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

7.1.1. Recommendations for safe handling:

Follow the recommendations in Section 8.

For spill response and disposal, see Sections 6.3 and 13.

Information on protection against fire: Store at cool, dry place, keep away from heat/cold exposure, sparks and flame. Keep fire extinguishers on easily accessible place.

Information on aerosols and dust prevention: Avoid high vapor concentrations in the air. Use appropriate personal protective equipment as indicated in Section 8.

Environmental precautions: Not special requirements. Do not allow enter to drains, surface water, ground water, drainage systems.

7.1.2. Advice on general occupational hygiene: Do not eat, drink or smoke whilst using this product. Wash hands thoroughly after handling this material. Take off contaminated clothing and wash it before reuse. Provide good personal hygiene after handling. Follow all applicable local regulations for handling and storage (practises of occupational good hygiene).

7.2. Conditions for storage, including any incompatibilities

Storage requirements: Keep in tightly sealed containers in a dry, cool, well-ventilated place. Keep out of the reach of children and away from food, drink and animal feed. Avoid direct sunlight and keep away from heat and sources of ignition. Suitable absorbent material should be available in the storage area in case of spills. Fire extinguishers should be kept readily available.

It shall not be stored together with incompatible chemicals, especially acids and oxidising agents. It is good practice to store the product in closed, preferably full containers, away from heat sources and protected from extreme temperatures.

7.3. Specific end use(s): Section 1.2. and 16.2.

Section 8. EXPOSURE CONTROLS (PERSONAL PROTECTION)

The use of personal protective equipment (PPE) should be supported by additional control measures. The duration of use should reflect the additional physiological burden on the worker. Certain PPE may reduce mobility, dexterity or communication. Users should be medically fit for PPE use and proper fit should be ensured between the body and the PPE.

Employers and self-employed persons are responsible for the selection, provision and management of PPE and for ensuring its proper use in the workplace. Appropriate PPE procedures should be defined and documented, including employee training.

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8.1. Control parameters

8.1.1 Occupational Exposure Limits:

No data.

8.1.2 Information on currently recommended monitoring procedures

To ensure regular monitoring of the technical parameters according to the technical specifications / instructions provided for the equipment. The qualitative risk assessment and risk management at the workplace may be asked to assess.

National monitoring methods should / could be used as well and will take precedence over others difference methods.

8.2. Exposure controls

8.2.1. Appropriate engineering controls:

The working time is an open-ended (till 480 minutes/shift, 5 shifts per week). Ensure regular air quality control on the working place. Perform continuous monitoring of parameters according to technical ventilation requirements. Make available eye wash stations and safety showers close to the workstation location. Employ good industrial hygiene practice.

8.2.2. Individual protection measures, such as personal protective equipment: Avoid direct contact with the product. Wear suitable personal protective equipment. Do not eat, drink or smoke while using this product. Wash hands with soap and water before breaks and after work. Remove contaminated clothing and protective equipment after work or before breaks.

Eyes/face protection



When product is hot (liquid) to wear safety glasses to avoid get mixture into eyes (EN 166).

Hand protection



It's recommended to wear chemical protective gloves (EN 374). Gloves material must be resistant to the mixture effects (e.g. Nitrile rubber). Check protective gloves prior to each use for their proper condition. Choose gloves to protect hands against chemicals, depending on the concentration and quantity of the hazardous substance and specific to place of work.). The thickness of the gloves should be more about 0,2-0,5 mm.

Skin protection



It's recommended to wear shoes, and long-sleeved clothing. Avoid the mixture get in to the shoes. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Recommend to wear antistatic protective clothing (EN 166).

Respiratory protection

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Not required, however in case of insufficient ventilation or if risk assessment shows that air-purifying respirators are appropriate use respiratory protective devices – particle filters (EN 143) or filtering half masks to protect against particles (EN 149).

8.2.3. Environmental exposure controls

Air: monitoring should be carried out in accordance with applicable legal requirements and established methods for ambient air monitoring.

Water: do not allow the product to enter drains, surface water, groundwater or drainage systems.

Soil: avoid release to soil. No specific terrestrial environmental monitoring parameters are identified.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Colour	light yellow
Physical state	solid
Odour	oriental - floral - vanilla
Odour threshold	not determined
pH	not determined
The melting / freezing point	not determined
The crystallization temperature	not determined
Boiling point	not determined
Flash point	not determined
Melting point	not determined
Ignition limits:	
Lower	not determined
Upper	not determined
Steam pressure	not determined
Relative vapour density (atmosphere=1)	not determined
Density	~1.0 g/cm ³
Water solubility	not determined
n-octanol/water partition coefficient (log Pow)	not determined
Self-ignition	not determined
Decomposition temperature	not determined
Viscosity	not determined
Explosive properties	not explosive
Oxidising properties	not determined

9.2. Other information

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9.2.1. Information with regard to physical hazard classes:

Based on the test methods set out in the UN Manual of Tests and Criteria and in Part A of Regulation (EC) No 440/2008, the product is not classified for any physical hazard class.

Explosives: not applicable

Flammable gases: not applicable

Aerosols: not applicable

Oxidising gases: not applicable

Gases under pressure: 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 substances and mixtures: not applicable

Substances and mixtures which, in contact with water, emit flammable gases: not applicable

Oxidising liquids: not applicable

Oxidising solids: not applicable

Organic peroxides: not applicable

Corrosive to metals: not applicable

Desensitised explosives: not applicable

9.2.2. Other safety characteristics: not applicable.

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity:

Stable under recommended use and storage conditions.

10.2. Chemical stability:

Stable at the recommended conditions.

10.3. Possibility of hazardous reactions:

Hazardous reactions are not expected under recommended conditions of use and storage.

10.4. Conditions to avoid:

High temperature.

10.5. Incompatible materials:

Store separately from oxidising agents and from strongly acidic or strongly alkaline materials.

10.6. Hazardous decomposition products:

No dangerous decomposition products known.

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Section 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity: The product is not classified for acute toxicity by the oral, dermal or inhalation route according to CLP criteria.

Acute toxicity of the components:

3-Methoxy-3-methyl-1-butanol (CAS No. 56539-66-3):

Oral: LD50 (rat) 4,400 mg/kg.

Dermal: LD50 (rat) > 2,000 mg/kg.

Inhalation: LC50 (rat, 4 h, dust/mist) > 5.21 mg/L.

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (CAS No. 1222-05-5):

Oral: LD50 (rat) > 4,640 mg/kg.

Dermal: LD50 (rat) > 6,500 mg/kg.

Inhalation: LC50 (rat, 4 h) > 5.04 mg/L air.

2,4-Dimethyl-4,4a,5,9b-tetrahydroindeno[1,2-d][1,3]dioxine (CAS No. 27606-09-3):

Oral: LD50 (rat) 300–500 mg/kg.

Dermal: LD50 (rat) > 2,000 mg/kg.

Inhalation: no data available.

Irritation: The product is not classified as an eye irritant according to CLP criteria.

Corrosion: The product is not classified as corrosive according to CLP criteria.

Sensitization: The product is not classified as a skin sensitiser according to CLP criteria.

Respiratory sensitization: The product is not classified as a respiratory sensitiser according to CLP criteria.

Mutagenicity: The product is not classified as mutagenic according to CLP criteria.

Reproductive toxicity: The product is not classified as reproductive toxicity according CLP regulation criteria.

Carcinogenicity: The product is not classified as carcinogenicity according CLP regulation criteria

Development toxicity: The product is not classified as development toxicity according CLP regulation criteria.

STOT SE: The product is not classified as STOT (SE) according CLP regulation criteria.

STOT RE: The product is not classified as STOT (RE) according CLP regulation criteria.

Aspiration toxicity: The product is not classified for aspiration hazard according to CLP criteria.

11.2 Information on other hazards

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11.2.1. Endocrine disrupting properties:

This product does not contain any substances identified as having endocrine disrupting properties according to the criteria of Regulations (EC) No 1907/2006, (EU) 2017/2100 and (EU) 2018/605.

11.2.2. Other information:

Hazards related to flammability or explosion:

The product is non-flammable.

Hazards to human health and potential effects:

May produce an allergic reaction.

Section 12. ECOLOGICAL INFORMATION

12.1. Eco toxicity:

Aquatic Acute: according to the criteria of CLP Regulation (Annex I, Part 4.1), the mixture is not classified as acutely hazardous to the aquatic environment. Based on available data, the classification criteria are not met.

Aquatic Chronic: according to the criteria of CLP regulation (Annex I, part 4.1.) does classify as harmful to aquatic life with long lasting effects (H412, 3).

There are data gaps for acute and chronic toxicity across all trophic levels. Therefore, the overall aquatic toxicity classification is based on the classification of the components, their concentrations and the applicable M-factors.

Toxicity of the mixture components:

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (CAS No. 1222-05-5):

Fish: LC50 (*Lepomis macrochirus*, 21 d) 0.452 mg/L.

Crustaceans: EC50 (*Daphnia magna*, 48 h) 0.9 mg/L.

Algae: ErC50 (*Pseudokirchneriella subcapitata*, 72 h) > 0.854 mg/L; EbC50 (*Pseudokirchneriella subcapitata*, 72 h) 0.723 mg/L.

Chronic toxicity to fish: NOEC (*Pimephales promelas*, 36 d) 0.068 mg/L.

Chronic toxicity to crustaceans: NOEC (*Daphnia magna*, 21 d) 0.111 mg/L.

1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl) ethanone (CAS No. 54464-57-2):

Fish: LC50 (*Lepomis macrochirus*, 96 h) 1.3 mg/L; LC50 (*Lepomis macrochirus*, 72 h) 1.4 mg/L.

Crustaceans: EC50 (*Daphnia magna*, 48 h) 1.38 mg/L.

Algae: EC50 (*Desmodesmus subspicatus*, 72 h) > 2.6 mg/L.

Activated sludge: NOEC (42 d) > 100 mg/L.

[3R-(3alpha,3a beta,6 beta,7 beta,8a alpha)]-Octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene (CAS No. 67874-81-1):

Fish: LC50 (*Cyprinus carpio*, 96 h) 0.43 mg/L.

Crustaceans: EC50 (*Daphnia magna*, 48 h) 0.48 mg/L.

Algae: EC50 (*Raphidocelis subcapitata*, 72 h) > 1.8 mg/L.

12.2. Persistence and degradability

Product is not soluble in water.

12.3. Bio-accumulative potential

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No significant bioaccumulation potential is expected.

12.4. Mobility in soil

No specific data are available for the mixture.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable;

vPvB: Not applicable.

12.6. Other adverse effects

No known significant adverse effects or critical hazards are expected. Nevertheless, the product should be handled with due care to avoid environmental release.

12.7 Endocrine disrupting properties

This mixture does not contain any substances with endocrine-disrupting properties according to the evaluation criteria set out in Regulation (EC) No 1907/2006, Regulation (EU) 2017/2100 and Regulation (EU) 2018/605.

Section 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recommendations: Do not dispose of the product into drains or the environment. Do not dispose of it with household waste. Waste should not be discharged to sewers. Disposal shall be in accordance with applicable EU and national regulations. Surplus and non-recyclable material should be handed over to a licensed waste disposal company.

Properties of waste which render it hazardous (HP codes):

HP 14 (Ecotoxic).

Waste code: final decision on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.

Contaminated packaging: completely empty container and disposed according the local, national and European waste management.

Section 14. TRANSPORT INFORMATION

The product is not subject to classification or transport requirements as dangerous goods (IMDG, IATA, ADR/RID).

		ADR – road haulage RID – rail transportation	ADNR – Carriage by vessels IMDG – Carriage by sea	IATA – carriage by air
14.1.	UN number	-	-	-
14.2.	UN proper shipping name	-	-	-

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14.3.	UN transport hazard class(es)	-	-	-
14.4	Packing group	-	-	-
14.5.	Label	-	-	-

14.6. Transport in bulk according to Annex II of MARPOL 73/8 and the IBC Code:

Not applicable.

14.7 Additional information:

In case of accidental spillage or fire during transport please refer to instructions under the above mentioned headings 5, 6, 7 and 8.

Section 15. REGULATORY INFORMATION

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No.793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union No. L 396, 30-12-2006, error correction – No. L 136/3, 2007-5-29);

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020, p. 28–58);

On 16 December 2008 the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of chemical substances and mixtures was undersigned. The said Regulation amended and repealed the directives 67/548/EEC and 1999/45/EC and Regulation (EC) No. 1907/2006 (the REACH Regulation). The Regulation has been published in the Official Journal of the European Union No. L 353, volume 51 on 31 December, 2008;

COMMISSION REGULATION (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. The Regulation has been published in the Official Journal of the European Union No. L 156, on 14 June, 2016.

15.2 Chemical Safety Assessment

In accordance with Regulation (EC) 1907/2006 (REACH) Article 14 a Chemical Safety Assessment not carried out.

Section 16. OTHER INFORMATION

16.1. Indication of changes

Updated in accordance with Regulation (EC) No 1907/2006, as amended by Regulation (EU) 2020/878.

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Version: 1.

16.2. Relevant identified uses of the substance or mixture

Use descriptor system:

Sectors of use (SU)

SU21	Consumer uses: Private households (= general public = consumers)
SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

16.3. Abbreviations and acronyms

ACGIH – American Conference of Industrial Hygienists

ADR/RID European Agreement concerning the international carriage of dangerous goods by road/rail.

PPE Personal protective equipment

CAS Chemical Abstracts Service

CLP Regulation of classification, labeling and packaging (EB) No. 1272/2008

DNEL The derived no-effect level

EC50 Half maximal effective concentration

ECHA The European Chemicals Agency

EINECS European Inventory of Existing Commercial Chemical Substances

EWC European Waste Catalogue

ERC Environmental Release Categories

IARC – The International Agency for Research on Cancer

IATA International Air Transport Association

IMDG International Maritime Dangerous Goods

LTEL Long Term Exposure Limit

LC50 Median lethal concentration

MS Member states

MWC Maximum workplace concentration

NTP National Toxicology Program

N/E – Excluded

OELV Occupational Exposure Limit Values

OSHA – Occupational Safety and Health Administration

PBT Persistent Bioaccumulative and Toxic substances

PNEC The Predicted No Effect Concentration

PROC Process category

PC Chemical Product category

RE repeated exposure

REACH Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals

SCOEL The Scientific Committee on Occupational Exposure Limit

SDS Safety data sheet

SE single exposure

STP Sewage treatment plant

SU Sectors of use

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STOT Specific target organ toxicity

TLV-TWA Threshold limit value - Time weighted average

STEL Short-term exposure limit

VLE Valeur Limite d'Exposition

vPvB Very persistent and very bioaccumulative

16.4. Literature references

Information from the manufacturer, safety data sheets of constituents, the European Chemicals Agency (ECHA), the European Agency for Safety and Health at Work (EU-OSHA), the European Food Safety Authority (EFSA), the Organisation for Economic Co-operation and Development (OECD), Germany IFA (GESTIS), the Swedish Chemicals Agency (Kemi), the International Labour Organization (ILO), TOXNET and other public databases.

16.5. Full list of provided section 3 hazard statements (H) for danger indications:

Acute toxicity	H302	Harmful if swallowed
Acute toxicity	H312	Harmful in contact with skin
Flammable liquids	H226	Flammable liquid and vapour
Aspiration toxicity	H304	May be fatal if swallowed and enters airways
Skin sensitisation	H317	May cause an allergic skin reaction
Serious eye damage	H318	Causes serious eye damage
Skin corrosion/irritation	H315	Causes skin irritation
Serious eye irritation	H319	Causes serious eye irritation
Reproductive toxicity	H361	Suspected of damaging fertility or the unborn child
Acute aquatic	H400	Very toxic to aquatic life
Long-term aquatic hazard	H410	Very toxic to aquatic life with long lasting effects
Long-term aquatic hazard	H411	Toxic to aquatic life with long lasting effects
Long-term aquatic hazard	H412	Harmful to aquatic life with long lasting effects

16.6. Disclaimer

The recommendations in this safety data sheet reflect the knowledge available to us on the date of going to print. They are intended to give you hints for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and waste disposal. This information cannot be transferred to other products. In those cases where the product mentioned in this safety data sheet is blended, mixed or processed with other materials or processed in any other way, the information contained in this safety data sheet cannot be related to the new material obtained in this way.

End of safety data sheet