

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: 01-07-2026 Revised edition: 01-07-2026 Version: 1
Mixture: SKU-AA-JSAF BLACK SAFFRON - Candle	Page 1 of 14

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

1.1. Product identifier

Product name: **BLACK SAFFRON - 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.

<https://poisoncentres.echa.europa.eu/appointed-bodies> Full list of contacts of National Appointed Bodies (and/or Poison Centres) 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 D.G. of	+49-30-18412-0
Greece	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
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

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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

<https://echa.europa.eu/support/helpdesks> For more precise information about National Poison Centres, please contact your National Helpdesk. The list of helpdesks across the EU is available at: <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) and its amendments. A Safety Data Sheet is provided in accordance with Annex II and Article 31 of Regulation (EC) No 1907/2006 (REACH), as amended.

Hazard classes:	Hazard category	Hazard statement
Skin sensitisation	1	H317
Aquatic Chronic	2	H411

2.2. Label elements

Hazard pictogram (s):

Signal word:
Warning
Hazard statement (s):
H317 May cause an allergic skin reaction
H411 Toxic to aquatic life with long lasting effects

Precautionary statements:

P102 Keep out of reach of children.

P273 Avoid release to the environment.

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

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

P391 Collect spillage.

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

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Hazard-determining components of labelling:

1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl) ethanone; Methyl 2,4-dihydroxy-3,6-dimethylbenzoate; 6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone.

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 to Regulation (EC) No 1272/2008	Quantity %
Propan-2-yl tetradecanoate	110-27-0 203-751-4 01-2119541806-35	Not classified	2.5–5.0
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)	1.0–2.5
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate	4707-47-5 225-193-0 01-2120762759-36	Skin Sens. 1B, H317	0.5–1.0
Oils, Patchouli	1450625-49-6 872-301-2 01-2119967775-18	Asp. Tox. 1, H304; Aquatic Chronic 2, H411	0.5–1.0
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	0.5–1.0
2-Ethyl-3-hydroxypyran-4-one	4940-11-8 225-582-5 01-2120758795-36	Acute Tox. 4 oral, H302	0.5–1.0
4-(1-Ethoxyethenyl)-3,3,5,5-tetramethylcyclohexan-1-one	36306-87-3 252-961-2 01-2120224905-56	Skin Irrit. 2, H315; Aquatic Chronic 2, H411	0.5–1.0
2,2,6,8-Tetramethyltricyclo[5.3.1.0 ^{3,8}]undecan-3-ol	5986-55-0 227-807-2 -	Aquatic Chronic 2, H411	0.5–1.0
(2S,4R,7R,8R)-3,3,7,11-tetramethyltricyclo[6.3.0.0 ^{2,4}]undec-1(11)-ene	489-40-7 207-695-1 -	Asp. Tox. 1, H304	0.5–1.0
4-Methyl-2-(2-methylpropyl)oxan-4-ol	63500-71-0 405-040-6 01-0000015458-64	Eye Irrit. 2, H319	0.5–1.0

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1,4-Dimethyl-7-prop-1-en-2-yl-1,2,3,4,5,6,7,8-octahydroazulene	3691-12-1 - -	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Asp. Tox. 1, H304	0.5–1.0
3-(3-Hydroxypropoxy)propan-1-ol	25265-71-8 246-770-3 01-2119456811-38	Not classified	< 0.1
(1R-(1R*,4E,9S))-4,11,11-Trimethyl-8-methylenebicyclo[7.2.0]undec-4-ene	87-44-5 201-746-1 -	Asp. Tox. 1, H304; Skin Sens. 1B, H317	< 0.1
2-Ethylhexyl 2-hydroxybenzoate	118-60-5 204-263-4 01-2119978235-29	Aquatic Chronic 1, H410 (M=1); Repr. 2, H361	< 0.1
Decahydro-2,2,6,6,7,8,8-heptamethyl-2H-indeno[4,5b]furan	476332-65-7 449-360-4 01-0000018977-51	Skin Sens. 1B, H317; Aquatic Chronic 1, H410 (M=1)	< 0.1
2-Methoxy-4-prop-2-enylphenol	97-53-0 202-589-1 01-2119971802-33	Eye Irrit. 2, H319; Skin Sens. 1B, H317	< 0.1
4,7,7-Trimethylbicyclo[3.1.1]hept-3-ene	80-56-8 201-291-9 -	Flam. Liq. 3, H226; Acute Tox. 4 oral, H302; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1)	< 0.1
2,3-Dihydro-2,2,6-trimethylbenzaldehyde	116-26-7 204-133-7 -	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Acute Tox. 4 oral, H302; Skin Sens. 1A, H317; Aquatic Chronic 2, H411	< 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 items that may obstruct 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.

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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.

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 cause 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: a strong water jet.

5.2. Special hazards arising from the substance or mixture:

Avoid inhalation of vapours and the formation of high vapour concentrations in air.

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 spillage, stop work. Remove sources of ignition. Evacuate people from the contaminated area to a safe area. Avoid contact with skin and eyes, and avoid inhalation. Wear protective or special work clothing. Use respiratory protective equipment if necessary.

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 in a cool, dry place, away from heat/cold exposure, sparks and flames. Keep fire extinguishers in easily accessible locations.

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: No special requirements. Do not allow the product to enter drains, surface water, groundwater or 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 (good occupational hygiene practice).

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.

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.

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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:

Working time is not restricted (up to 480 minutes/shift, 5 shifts per week). Ensure regular air quality control at the workplace. Perform continuous monitoring of parameters according to technical ventilation requirements. Provide eye wash stations and safety showers close to the workstation. 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 the product is hot (liquid), wear safety glasses to prevent the mixture from entering the eyes (EN 166).

Hand protection



It is recommended to wear chemical protective gloves (EN 374). The glove material must be resistant to the effects of the mixture (e.g. nitrile rubber). Check protective gloves prior to each use to ensure they are in good condition. Choose gloves to protect hands against chemicals, depending on the concentration and quantity of the hazardous substance and the specific workplace conditions. The glove thickness should be approximately 0.2-0.5 mm.

Skin protection



It is recommended to wear shoes and long-sleeved clothing. Prevent the mixture from entering shoes. Choose body protection according to the amount and concentration of the hazardous substance at the workplace. It is recommended to wear antistatic protective clothing (EN 1149).

Respiratory protection



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

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Colour	light orange
Physical state	solid
Odour	woody - ambery - oriental
Odour threshold	not determined
pH	not determined
Melting point/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
Vapour pressure	not determined
Relative vapour density (atmosphere=1)	not determined
Density	~1.0 g/cm3
Water solubility	not determined
n-octanol/water partition coefficient (log Pow)	not determined
Self-ignition temperature	not determined
Decomposition temperature	not determined
Viscosity	not determined
Explosive properties	not explosive
Oxidising properties	not determined

9.2. Other information

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.

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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 temperatures.

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.

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:

2-Ethyl-3-hydroxypyran-4-one, CAS No. 4940-11-8:

LD50 oral, rat: 1,150 mg/kg.

LD50 dermal, rabbit: > 5,000 mg/kg.

LC50 inhalation: no data available.

4,7,7-Trimethylbicyclo[3.1.1]hept-3-ene, CAS No. 80-56-8:

LD50 oral, rat: 3,700 mg/kg.

LD50 dermal, rabbit: > 5,000 mg/kg.

LC50 inhalation: no data available.

2,3-Dihydro-2,2,6-trimethylbenzaldehyde, CAS No. 116-26-7:

LD50 oral, rat: 2,250 mg/kg.

LD50 dermal, rabbit: > 5,000 mg/kg.

LC50 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 classified as a skin sensitizer according to CLP criteria (H317, 1 cat.).

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

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

Reproductive toxicity: The product is not classified for reproductive toxicity according to CLP criteria.

Carcinogenicity: The product is not classified for carcinogenicity according to CLP criteria.

Developmental toxicity: The product is not classified for developmental toxicity according to CLP criteria.

STOT SE: The product is not classified as STOT SE according to CLP criteria.

STOT RE: The product is not classified as STOT RE according to CLP criteria.

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

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties:

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

11.2.2. Other information:

Hazards related to flammability or explosion:

The product is not classified as flammable according to CLP criteria.

Hazards to human health and potential effects:

May cause an allergic reaction.

Section 12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity:

Based on the available data, the product is classified as hazardous to the aquatic environment (H411).

Toxicity of mixture components:

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

Algae, EC50: > 2.6 mg/l, 72 h, green algae (*Desmodesmus subspicatus*), based on biomass.

Algae, EC50: > 2.6 mg/l, 72 h, green algae (*Desmodesmus subspicatus*), based on growth rate.

Algae, NOEC: 2.6 mg/l, 72 h, green algae (*Desmodesmus subspicatus*), based on growth rate.

Crustacea, EC50: 1.38 mg/l, 48 h, *Daphnia magna*.

Fish, LC50: 1.3 mg/l, 96 h, bluegill sunfish (*Lepomis macrochirus*).

Crustacea, LOEC: 0.244 mg/l, 21 d, *Daphnia magna*, based on body length.

Crustacea, LOEC: 0.096 mg/l, 21 d, *Daphnia magna*, based on reproduction.

Crustacea, NOEC: 0.448 mg/l, 21 d, *Daphnia magna*, based on mortality.

Crustacea, NOEC: 0.096 mg/l, 21 d, *Daphnia magna*, based on body length.

Crustacea, NOEC: 0.028 mg/l, 21 d, *Daphnia magna*, based on reproduction.

Fish, LOEC: 0.29 mg/l, 30 d, *Danio rerio*, based on length and weight.

Fish, NOEC: 0.54 mg/l, 30 d, *Danio rerio*, based on time to hatch.

Fish, NOEC: 0.54 mg/l, 30 d, *Danio rerio*, based on egg survival.

Fish, NOEC: 0.3 mg/l, 30 d, *Danio rerio*, based on post-hatch survival.

Fish, NOEC: 0.16 mg/l, 30 d, *Danio rerio*, based on length and weight.

Oils, Patchouli, CAS No. 1450625-49-6:

Algae, EL50: > 100 mg/l, 96 h, *Pseudokirchneriella subcapitata*.

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Algae, NOELR: 25 mg/l, 96 h, *Pseudokirchneriella subcapitata*.

Daphnia sp., EL50: 21 mg/l, 48 h.

Fish, LL50: 5.7 mg/l, 96 h, rainbow trout (*Oncorhynchus mykiss*).

Activated sludge, NOEC: 100 mg/l.

Earthworms, LC50: 766 mg/kg, 14 d, *Eisenia foetida*.

Earthworms, LC50: 420 mg/kg, 14 d, *Eisenia foetida*.

6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone, CAS No. 33704-61-9:

Daphnia, EC50: 1.5 mg/l, 48 h, *Daphnia magna*.

Algae, EC50: 10 mg/l, 72 h, *Desmodesmus subspicatus*.

Microorganisms, EC50: > 1000 mg/l, 3 h, activated sludge of predominantly domestic sewage, based on respiration rate.

12.2. Persistence and degradability

No specific data are available for the mixture.

12.3. Bioaccumulative potential

No specific data are available for the mixture.

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. 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.

12.7. 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.

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 the container and dispose of it according to local, national and European waste management requirements.

Section 14. TRANSPORT INFORMATION

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The product is classified as dangerous goods for transport as UN 3077 (Environmentally hazardous substance, solid, n.o.s.). For ADR/RID/ADN, packages not exceeding 5 kg net mass per inner packaging may be transported under the exemption of Special Provision 375.

		ADR – road haulage RID – rail transportation	ADN – Carriage by inland waterways IMDG – Carriage by sea	IATA – carriage by air
14.1.	UN number	3077	3077	3077
14.2.	UN proper shipping name	Environmentally hazardous substance, solid, n.o.s. (1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl) ethanone)		
14.3.	UN transport hazard class(es)	9	9	9
14.4.	Packing group	III	III	III
14.5.	Label	9	9	9

14.6. Special precautions for the user:

In case of accidental spillage or fire during transport, refer to the instructions in Sections 5, 6, 7 and 8. For ADR/RID/ADN, packages not exceeding 5 kg net mass per single or inner packaging are not subject to ADR/RID/ADN requirements under Special Provision 375.

14.7. Maritime transport in bulk according to IMO instruments:

Not applicable.

Section 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation 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);

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 was adopted. The said Regulation amended and repealed Directives 67/548/EEC and 1999/45/EC and amended 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 Article 14 of Regulation (EC) No 1907/2006 (REACH), a Chemical Safety Assessment has not been carried out.

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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.

Revision: 01-07-2026.

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

STOT Specific target organ toxicity

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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 text of hazard statements (H) referred to in Section 3:

Acute toxicity	H302	Harmful if swallowed
Flammable liquids	H226	Flammable liquid and vapour
Skin sensitisation	H317	May cause an allergic skin reaction
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

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