

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

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

1.1 Product identifier

Trade name	Cannabis sativa, extract (essential oil; terpenes)
Registration number (REACH)	the substance is exempted from the obligation to register - tonnage
EC number	289-644-3
CAS number	2159055-70-4
Botanical name	<i>Cannabis sativa</i>
Product code	2020 Pine #1

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

Relevant identified uses	SU3 : industrial uses: uses of substances as such or in preparations at industrial sites SU21 : consumer uses: private households (= general public = consumers) SU22 : Professional uses: public domain (administration, education, entertainment, services, craftsmen) PC39 : cosmetics, personal care products PC28 : perfumes, fragrances PC27 : plant protection products PC0 : others
--------------------------	---

1.3 Details of the supplier of the safety data sheet

Terpene Belt Processing LLC
30099 Ahern Avenue, Union City, CA (USA), 94587

Telephone: +1-510-589-0767
e-mail: quality@terpenebelt.com

1.4 Emergency telephone number

Emergency information service : 00 353 18092166

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to GHS (ST/SG/AC.10/30/Rev.10, GHS)

Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	flammable liquid	3	Flam. Liq. 3	H226
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
3.4S	skin sensitisation	1	Skin Sens. 1	H317
3.10	aspiration hazard	1	Asp. Tox. 1	H304
4.1A	hazardous to the aquatic environment - acute hazard	1	Aquatic Acute 1	H400
4.1C	hazardous to the aquatic environment - chronic hazard	1	Aquatic Chronic 1	H410

For full text of abbreviations: see SECTION 16.

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources. Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labelling according to GHS "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

- Signal word danger

- Pictograms

GHS02, GHS07,
GHS08, GHS09



- 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.
H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.

- Precautionary statements.

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264+P265	Wash hands thoroughly after handling. Do not touch eyes.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301+P316	IF SWALLOWED: Get emergency medical help immediately.
P302+P352	IF ON SKIN: Wash with plenty of soap and 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.
P331	Do NOT induce vomiting.
P333+P317	If skin irritation or rash occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to hazardous or special waste collection point.

2.3 Other hazards

There is no additional information.

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

SECTION 3: Composition/information on ingredients










3.1 Substances

Identifiers

CAS No 2159055-70-4

EC No 289-644-3

Composition/information on ingredients

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
Terpinolene	CAS No 586-62-9 EC No 209-578-0	≤ 17,55	Flam. Liq. 4 / H227 Acute Tox. 5 / H303 Skin Irrit. 3 / H316 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		
beta-Caryophyllene	CAS No 87-44-5 EC No 201-746-1	≤ 16,25	Skin Sens. 1 / H317 Asp. Tox. 1 / H304		
limonene	CAS No 138-86-3 EC No 205-341-0 Index No 601-029-00-7	≤ 10,73	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		
Humulene	CAS No 6753-98-6 EC No 229-816-7	≤ 6,3	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 STOT SE 3 / H335		
Trans beta ocimene	CAS No 3779-61-1 EC No 223-241-5	≤ 5,57	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 STOT SE 3 / H335		
Myrcene	CAS No 123-35-3 EC No 204-622-5	≤ 4,63	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Eye Irrit. 2A / H319 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 2 / H411		
alpha-Guaiene	CAS No 3691-12-1 EC No 641-402-1	≤ 3,38	Skin Irrit. 2 / H315 Eye Irrit. 2A / H319 Asp. Tox. 1 / H304		
2-Norpinene, 2,6-dimethyl- 6-(4-methyl-3-pentenyl)-, trans(-)	CAS No 13474-59-4 EC No 603-860-0	≤ 3,38	Asp. Tox. 1 / H304		
delta-Guaiene	CAS No 3691-11-0	≤ 3,16	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Asp. Tox. 1 / H304		

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
Linalool	CAS No 78-70-6 EC No 201-134-4 Index No 603-235-00-2	≤ 3,15	Flam. Liq. 4 / H227 Acute Tox. 5 / H303 Skin Irrit. 2 / H315 Eye Irrit. 2A / H319 Skin Sens. 1B / H317 Aquatic Acute 3 / H402		
beta-Pinene	CAS No 127-91-3 EC No 204-872-5	≤ 1,89	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		
beta-Farnesene	CAS No 18794-84-8 EC No 242-582-0	≤ 1,87	Skin Irrit. 3 / H316 Asp. Tox. 1 / H304		
alpha-Pinene	CAS No 80-56-8 EC No 201-291-9	≤ 1,17	Flam. Liq. 3 / H226 Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		
beta-Phellandrene	CAS No 555-10-2 EC No 209-081-9	≤ 1	Flam. Liq. 3 / H226 Asp. Tox. 1 / H304		
2,6,10-trimethyldodeca- 2,6,9,11-tetraene	CAS No 502-61-4 EC No 207-948-6	≤ 0,94	Asp. Tox. 1 / H304		
alpha-Phellandrene	CAS No 99-83-2 EC No 202-792-5	≤ 0,67	Flam. Liq. 3 / H226 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		
(1S-endo)-1,3,3-trimethyl- bicyclo[2.2.1]heptan-2-ol	CAS No 512-13-0 EC No 208-135-9	≤ 0,61	Flam. Liq. 4 / H227 Acute Tox. 5 / H303 Skin Irrit. 3 / H316 Skin Sens. 1 / H317 Aquatic Chronic 3 / H412		
alpha-Terpineol	CAS No 98-55-5 EC No 202-680-6	≤ 0,6	Flam. Liq. 4 / H227 Acute Tox. 5 / H303 Skin Irrit. 2 / H315 Eye Irrit. 2A / H319 Aquatic Acute 2 / H401		
p-Mentha-1,3-diene	CAS No 99-86-5 EC No 202-795-1	≤ 0,58	Flam. Liq. 3 / H226 Acute Tox. 4 / H302 Skin Irrit. 3 / H316 Skin Sens. 1 / H317 Asp. Tox. 1 / H304 Aquatic Acute 2 / H401 Aquatic Chronic 2 / H411		

Safety Data Sheet





























according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
Eucalyptol	CAS No 470-82-6 EC No 207-431-5	≤ 0,5	Flam. Liq. 3 / H226 Acute Tox. 5 / H303 Eye Irrit. 2B / H320 Skin Sens. 1B / H317 Aquatic Acute 3 / H402	 	
3,7,7-Trimethylbi- cyclo[4.1.0]-3-heptene	CAS No 13466-78-9 EC No 236-719-3	≤ 0,49	Flam. Liq. 3 / H226 Acute Tox. 5 / H303 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Aquatic Acute 2 / H401 Aquatic Chronic 2 / H411	   	
p-Mentha-1,4-diene	CAS No 99-85-4 EC No 202-794-6	≤ 0,47	Flam. Liq. 3 / H226 Acute Tox. 5 / H303 Repr. 2 / H361 Asp. Tox. 1 / H304 Aquatic Acute 2 / H401 Aquatic Chronic 2 / H411	  	
beta.-Bisabolene	CAS No 495-61-4 EC No 610-461-5	≤ 0,27	Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Aquatic Acute 2 / H401 Aquatic Chronic 2 / H411	  	
cis-beta-Ocimene	CAS No 3338-55-4 EC No 222-081-3	≤ 0,26	Flam. Liq. 3 / H226 Acute Tox. 5 / H303 Skin Irrit. 2 / H315 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 2 / H411	   	
trans-Nerolidol	CAS No 40716-66-3 EC No 255-053-4	≤ 0,21	Eye Irrit. 2B / H320 Skin Sens. 1 / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	 	
Camphene	CAS No 79-92-5 EC No 201-234-8	≤ 0,19	Flam. Sol. 2 / H228 Eye Irrit. 2 / H319 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	   	
4-Carvomenthenol	CAS No 562-74-3 EC No 209-235-5	≤ 0,17	Flam. Liq. 4 / H227 Acute Tox. 4 / H302 Acute Tox. 5 / H313 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Eye Irrit. 2A / H319 Skin Sens. 1 / H317 STOT SE 3 / H336 Aquatic Acute 2 / H401		
Borneol	CAS No 507-70-0 EC No 208-080-0	≤ 0,15	Flam. Sol. 2 / H228 Acute Tox. 5 / H303 Skin Irrit. 2 / H315 Aquatic Acute 2 / H401 Aquatic Chronic 2 / H411	  	
alpha-thujene	CAS No 2867-05-2	≤ 0,15	Flam. Liq. 3 / H226 Skin Sens. 1 / H317	 	

Safety Data Sheet






according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
	EC No 220-686-7				
p-Cymene	CAS No 99-87-6 EC No 202-796-7	≤0,14	Flam. Liq. 3 / H226 Acute Tox. 5 / H303 Acute Tox. 3 / H331 Repr. 2 / H361 Asp. Tox. 1 / H304 Aquatic Acute 2 / H401 Aquatic Chronic 2 / H411		
1-Octanol	CAS No 111-87-5 EC No 203-917-6	≤0,11	Flam. Liq. 4 / H227 Acute Tox. 5 / H313 Skin Irrit. 3 / H316 Eye Irrit. 2A / H319 Aquatic Acute 3 / H402 Aquatic Chronic 3 / H412		
humulene epoxide II	CAS No 19888-34-7	≤0,11	Eye Irrit. 2 / H319 Skin Sens. 1 / H317		
Hexyl acetate	CAS No 142-92-7 EC No 205-572-7	≤0,1	Flam. Liq. 3 / H226 Skin Irrit. 3 / H316 Aquatic Acute 2 / H401		
[1R-(1R*,4Z,9S*)]- 4,11,11-trimethyl-8- methylenebicyclo[7.2.0]un- dec-4-ene	CAS No 118-65-0 EC No 204-267-6	≤0,1	Skin Irrit. 2 / H315 Skin Sens. 1 / H317		

Remarks

For full text of abbreviations: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

None. In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. un-ventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)
this information is not available

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye protection.

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Type: A (against organic gases and vapours with a boiling point of $> 65\text{ °C}$, colour code: Brown).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	colorless to light yellow
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not determined
Flammability	flammable liquid in accordance with GHS criteria
Lower and upper explosion limit	not determined
Flash point	$60\text{ °C} \pm 1\text{ °C}$ (closed cup method test)
Auto-ignition temperature	not determined
Decomposition temperature	not determined
pH (value)	not determined
Kinematic viscosity	not determined
Solubility(ies)	
Water solubility	not determined
Partition coefficient	
Partition coefficient n-octanol/water (log value)	this information is not available
Density and/or relative density	
Density	not determined
Relative vapour density	information on this property is not available
Particle characteristics	this information is not available

9.2 Other information

There is no additional information.

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

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

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Classification procedure

The method for classification is based on ingredients (additivity formula).

Classification acc. to GHS "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

ADR/RID/ADN

UN 1197

IMDG-Code

UN 1197

ICAO-TI

ID 8000

14.2 UN proper shipping name

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)


Version number: GHS 1.0

Date of compilation: 30.07.2024


ADR/RID/ADN	EXTRACTS, LIQUID
IMDG-Code	EXTRACTS, LIQUID
ICAO-TI	Consumer commodity
14.3 Transport hazard class(es)	
ADR/RID/ADN	3
IMDG-Code	3
ICAO-TI	9
14.4 Packing group	
ADR/RID/ADN	III
IMDG-Code	III
14.5 Environmental hazards	hazardous to the aquatic environment
Environmentally hazardous substance (aquatic environment)	Terpinolene
14.6 Special precautions for user	
Provisions for dangerous goods (ADR) should be complied within the premises.	
14.7 Maritime transport in bulk according to IMO instruments	

Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information

Classification code	F1
Danger label(s)	3, fish and tree
	
Environmental hazards	yes (hazardous to the aquatic environment)
Special provisions (SP)	601
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
Transport category (TC)	3
Tunnel restriction code (TRC)	D/E
Hazard identification No	30

International Maritime Dangerous Goods Code (IMDG) - Additional information

Marine pollutant	yes (hazardous to the aquatic environment)
Danger label(s)	3, fish and tree
	
Special provisions (SP)	223, 955
Excepted quantities (EQ)	E1

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

Limited quantities (LQ)	5 L
EmS	F-E, S-D
Stowage category	A

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Environmental hazards	yes (hazardous to the aquatic environment)
Danger label(s)	9



Special provisions (SP)	A112
Limited quantities (LQ)	30 kg

SECTION 15: Regulatory information

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

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
ADR/RID/ADN	Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN)
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
Asp. Tox.	Aspiration hazard
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
DGR	Dangerous Goods Regulations (see IATA/DGR)
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

Abbr.	Descriptions of used abbreviations
Flam. Sol.	Flammable solid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
Repr.	Reproductive toxicity
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STOT SE	Specific target organ toxicity - single exposure
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Supplier.

European Chemicals Agency, <http://echa.europa.eu/>.

Globally Harmonized System of Classification and Labelling of Chemicals ("Purple book").

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Health hazards, Environmental hazards: The method for classification is based on ingredients (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H228	Flammable solid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.

Safety Data Sheet

according to GHS

"Globally Harmonized System of Classification and Labelling of
Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.10)

Cannabis sativa, extract (essential oil; terpenes)

Version number: GHS 1.0

Date of compilation: 30.07.2024

Code	Text
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Disclaimer

This SDS has been compiled and is solely intended for this product.