



Marjoram Safety Data Sheet

1 Identification

GHS Product Identifier

Marjoram

Other means of identification

Fragrance oil

Recommended use of the chemical and restriction on use

For manufacturing use only.

Supplier's details

Little Bee Scents

PO Box 684, Leavenworth, KS 66048

marsha@littlebeescents.com

Emergency phone number

Poison control: (800) 222-1222

In case of emergency, call 911.

2 Hazard(s) identification

Classification of the substance or mixture

skin sensitization Skin Sen. 1 H317; flammable liquid 4 H227; carcinogenicity 2 H351

GHS label elements



GHS07, GHS08

Signal word (GHS US): Warning

Hazard statements (GHS US):

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

Precautionary statements (GHS US):

P201 Obtain special instructions before use.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 If on skin: Wash with plenty of water.

P308+P313 If exposed or concerned: Get medical advice/attention.

P321 Specific treatment (see on this label).

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

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/container to industrial combustion plant.

Other hazards of no significance

Other hazards which do not result in classification

This material is combustible, but will not ignite readily.

Results of PBT and vPvB assessment

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

Endocrine disrupting properties

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

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	
benzyl benzoate (2E)-hex-2-en-1-ol	120-51-4		75 – < 90	Acute Tox. 4 / H302
	80-26-2			
	928-95-0		1 – < 5	Flam. Liq. 4 / H227
1-methyl-4-(propan-2-yl)cyclohexa-1,3-diene	99-85-4			
	99-86-5		1 – < 5	Flam. Liq. 3 / H226
Essential oil of melaleuca alternifolia	99-86-5			
	85085-48-9		1 – < 5	Acute Tox. 4 / H332 Flam. Liq. 3 / H226
	68956-56-9		1 – < 5	Flam. Liq. 3 / H226
1,4-dioxacyclohexadecane-5,16-dione	123-35-3			
	54982-83-1		< 1	Carc. 2 / H351
Lavender, Lavandula hybrida, ext.	8022-15-9		< 1	Skin Sens. 1A / H317 Asp. Tox. 1 / H304

4 First-aid measures**Description of necessary 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. 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.

Most important symptoms/effects, acute and delayed

Symptoms and effects are not known to date.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

5 Fire-fighting measures**Suitable extinguishing media**

Water, Foam, ABC-powder (Do NOT use water jet)

Specific hazards arising from the chemical

Deposited combustible dust has considerable explosion potential.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

Special protective actions for fire-fighters

In case of fire and/or explosion do not breathe fumes. Coordinate 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

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Emergency procedures:

For non-emergency personnel: Remove persons to safety.

For emergency responders: Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

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.

Methods and materials 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.

7 Handling and storage

Precautions for safe handling

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

Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas.

Ground/bond container and receiving equipment.

- Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

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.

Managing of associated risks

- Explosive atmospheres

Removal of dust deposits.

- Ventilation requirements

Use local and general ventilation.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

8 Exposure controls/personal protection

Control parameters

This information is not available.	CAS No	Identifier	TWA[ppm]	TWA[mg/m ³]	Source
benzyl benzoate		PEL(CA)		10 (dust)	Cal/OSHA PEL
4-hydroxy-3-methoxybenzaldehyde					
benzyl benzoate		PEL(CA)		5(r)	Cal/OSHA PEL
4-hydroxy-3-methoxybenzaldehyde					

Exposure controls:

Individual protection measures, such as personal protective equipment

Always provide effective general and, when necessary, local exhaust ventilation to maintain the ambient workplace atmosphere below the exposure limits.

Respiratory protection: wear appropriate mask

Specific protection for the hands: protective gloves against minor risks

Eye and face protection: safety glasses against slash/projections

Bodily protection: work clothing and anti-slip work shoes

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the products and its container.

9 Physical and chemical properties

Physical and chemical properties

Appearance: clear liquid

Odor: characteristic aroma

pH: N/A

Melting Point: N/A

Boiling Point/range: N/A

Evaporation Rate: N/A

Partition Coefficient: N/A

Decomposition Temperature: N/A

Upper/Lower Flammability Limits: N/A

Vapor Pressure: Not Determined

Vapor Density: N/A

Relative Density +/- 0.020: N/A

Solubility: Not soluble in water

Flash Point: 175F

Flammability: N/A

Auto-Ignition Temperature: N/A

Viscosity: N/A

10 Stability and reactivity

Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

Chemical stability

See below "Conditions to avoid".

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Incompatible materials

Oxidizers

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.

11 Toxicological information

Toxicological (health) effects - Test data are not available for the complete mixture.

Test data are not available for the complete mixture.

Classification procedure

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

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if swallowed.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Suspected of causing cancer.

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).

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

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

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.

12.6 Endocrine disrupting properties

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

12.7 Other adverse effects

Data are not available.

13 Disposal considerations

13.1 Waste treatment methods

Dispose in a safe manner in accordance with local/national regulations.

14 Transport information

14.1 UN number

DOT: UN 3077

IMDG-Code :UN 3077

ICAO-TI: UN 3077

14.2 UN proper shipping name

DOT: Environmentally hazardous substance, liquid, n.o.s.

IMDG-Code: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

ICAO-TI: Environmentally hazardous substance, liquid, n.o.s.

Technical name (hazardous ingredients): BENZYL BENZOATE, TERPINENE GAMMA

14.3 Transport hazard class(es)

DOT 9

IMDG-Code 9

ICAO-TI 9

14.4 Packing group

DOT III

IMDG-Code III

ICAO-TI III

14.5 Environmental hazards hazardous to the aquatic environment

Environmentally hazardous substance (aquatic environment)

BENZYL BENZOATE, TERPINENE GAMMA

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

The following components are listed on the OEHHA California Proposition 65 List as "chemicals known to the state to cause cancer" or "to cause reproductive toxicity":

Name: beta-Myrcene(naturally occurring) CAS: 123-35-3 type of toxicity: cancer

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Take into consideration other applicable federal, state and local laws and local regulations.

16 Other information

Other information

The data contained in this Safety Data Sheet is accurate to the best knowledge of Little Bee Scents, applies to the product as supplied by Little Bee Scents and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does Little Bee Scents assume responsibility for use or reliance upon this data. This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact marsha@littlebeescents.com.