

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Galbanum CO₂-se extract_030.001

Print date: 02.10.2019

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

1.1. Product identifier

Galbanum CO₂-se extract_030.001

Further trade names

Galbanum CO₂-se Extrakt, Typ Nr. 030.001

Galbanum CO₂-se extract, type no. 030.001

Galbanum extrait CO₂-se, référence 030.001

CAS No: 93165-40-3

EC No: 296-925-4

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

Use of the substance/mixture

In perfumery and in aromatherapy

Industry category(ies): Chemicals for personal and household use.

Category of use(s): Cosmetics.

1.3. Details of the supplier of the safety data sheet

Company name: Flavex Naturextrakte GmbH

Street: Nordstr. 7

Place: D-66780 Rehlingen-Siersburg

Telephone: +49 (0)6835/9195-0

Telefax: +49 (0)6835/919595

e-mail: info@flavex.com

Contact person: Mr. N. Gref

Internet: www.flavex.com

Responsible Department: Poison information center Freiburg

1.4. Emergency telephone number:

+49 (0)761/19240

SECTION 2: Hazards identification

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

Hazard categories:

Flammable liquid: Flam. Liq. 3

Acute toxicity: Acute Tox. 4

Acute toxicity: Acute Tox. 4

Aspiration hazard: Asp. Tox. 1

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Flammable liquid and vapour.

Harmful if swallowed.

Harmful if inhaled.

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause respiratory irritation.

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Toxic to aquatic life with long lasting effects.

2.2. Label elements

Signal word:

Danger

Pictograms:

GHS02-GHS07-GHS08-GHS09



Hazard statements

H226	Flammable liquid and vapour.
H302+H332	Harmful if swallowed or if inhaled.
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.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P273	Avoid release to the environment.
P331	Do NOT induce vomiting.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

Special skid risk by leaking/spilling product.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization

INCI-Name (CTFA): Ferula Galbaniflua (Galbanum) Gum Extract, CAS-Nr. 93165-40-3, EINECS-Nr. 296-925-4

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	GHS Classification	
296-925-4	Ferula galbaniflua, ext.	100 %
93165-40-3	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H332 H302 H315 H319 H317 H335 H304 H411	

Full text of R, H and EUH phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Seek medical attention if problems persist.

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After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After ingestion

Rinse mouth immediately and drink large quantities of water. Consult physician.

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

No data available

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam. Carbon dioxide (CO₂). Powder

Unsuitable extinguishing media

Water spray.

5.2. Special hazards arising from the substance or mixture

Flammable vapours can accumulate in steam space of closed systems.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eye and clothing.

Wear personal protection equipment.

Provide adequate ventilation.

Wear respiratory protection when in the presence of vapour, dust, and aerosols.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Take up with oil-absorbing compound. Remove mechanically, placing in appropriate containers for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eye and clothing.

Wear suitable protective clothing, gloves and eye/face protection.

Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in a well-ventilated place. Keep container tightly closed.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Change contaminated clothing.

Eye/face protection

Wear eye/face protection.

Hand protection

When handling chemical substances, chemical protective clothing with CE label (including a four digit code) must be worn. EN 374

Skin protection

Only wear fitting, comfortable and clean protective clothing.

Take off immediately all contaminated clothing.

After contact with skin, wash immediately with plenty of water and soap.

Respiratory protection

Do not breathe gas/fumes/vapour/spray.

Respiratory protection required in case of: aerosol or mist generation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	yellow
Odour:	characteristic

Test method

pH-Value:	No data available
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Changes in the physical state

Melting point:	No data available
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Initial boiling point and boiling range:	No data available
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Sublimation point:	No data available
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Softening point:	No data available
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Pour point:	No data available
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Flash point:	43 °C closed cup
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Flammability

Solid:	No data available
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Gas:	No data available
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Explosive properties

no data available

Lower explosion limits:	No data available
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Upper explosion limits:	No data available
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Ignition temperature:	No data available
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Auto-ignition temperature

Solid:	No data available
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Gas:	No data available
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Decomposition temperature:	No data available
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Oxidizing properties

no data available

Vapour pressure:

No data available

Density (at 20 °C):

0,89 - 0,91 g/cm³ pycnometer

Bulk density:

No data available

Water solubility:

insoluble

Partition coefficient:

No data available

Viscosity / dynamic:

No data available

Viscosity / kinematic:

No data available

Flow time:

No data available

Vapour density:

No data available

Evaporation rate:

No data available

Solvent separation test:

No data available

Solvent content:

No data available

9.2. Other information

Solid content:

No data available

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials

Oxidizing agents.

Further information

No ignition, explosion, self-heating or visible decomposition.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data available

Acute toxicity

CAS No	Chemical name			
	Exposure route	Method	Dose	Species
93165-40-3	Ferula galbaniflua, ext.			
	oral	ATE	500 mg/kg	
	inhalation vapour	ATE	11 mg/l	
	inhalation aerosol	ATE	1,5 mg/l	

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Further information

Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation assessed by the manufacturer on the basis of the data sheets available on the main components. Information gaps exist on some of the main individual components. However, according to the experience of the manufacturer, no dangers above and beyond those on the product label are to be expected.

SECTION 12: Ecological information

12.1. Toxicity

No special environmental protection measures are necessary.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Contaminated packaging

Waste disposal according to official state regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

UN 1169

14.2. UN proper shipping name:

EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es):

3

14.4. Packing group:

III

Hazard label:

3



Classification code:

F1

Special Provisions:

601

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

30

Tunnel restriction code:

D/E

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Other applicable information (land transport)

: 640E
: 3
: E

Inland waterways transport (ADN)

14.1. UN number: UN 1169
14.2. UN proper shipping name: EXTRACTS, AROMATIC, LIQUID
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Classification code: F1
Special Provisions: 601
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1169
14.2. UN proper shipping name: EXTRACTS, AROMATIC, LIQUID
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Special Provisions: 223, 955
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-E, S-D

Other applicable information (marine transport)

: 223, 944, 955

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1169
14.2. UN proper shipping name: EXTRACTS, AROMATIC, LIQUID
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Special Provisions: A3
Limited quantity Passenger: 10 L
Passenger LQ: Y344
Excepted quantity: E1

IATA-packing instructions - Passenger:

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IATA-max. quantity - Passenger:	60 L
IATA-packing instructions - Cargo:	366
IATA-max. quantity - Cargo:	220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

SECTION 15: Regulatory information

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

National regulatory information

Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Water contaminating class (D):	2 - clearly water contaminating
Skin resorption/Sensitization:	Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H302+H332	Harmful if swallowed or if inhaled.
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