

Material Safety Information

according to Regulation (EC) No 1907/2006

Ginger CO2-to extract

Date: 15-11-2018

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

1.1. Product identifier

Ginger CO2-to extract

Further trade names

Ingwer CO2-se Extrakt (ökol.)

Ginger CO2-to extract (organic)

Gingembre extrait CO2-to (bio)

REACH registration number: 01-2120771552-53-0000

CAS No: 89958-98-2

EC No: 289-620-2

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

1.3. Details of the supplier of the safety data sheet

Company name: [REDACTED]
Street: [REDACTED]
Place: [REDACTED]
Telephone: [REDACTED] Telefax: [REDACTED]
e-mail: [REDACTED]
Contact person: [REDACTED]
Internet: [REDACTED]
Responsible Department: [REDACTED]

1.4. Emergency telephone number: [REDACTED]

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard categories:
Skin corrosion/irritation: Skin Irrit. 2
Respiratory or skin sensitisation: Skin Sens. 1
Hazardous to the aquatic environment: Aquatic Chronic 2
Hazard Statements:
Causes skin irritation.
May cause an allergic skin reaction.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard components for labeling

Frankincense carterii, ext.

Signal words: Danger

Pictograms: GHS07 - GHS08 - GHS09



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Hazard statements

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H304	May be fatal if swallowed and enters airways
H411	Toxic to aquatic life with long lasting effects

Precautionary statements

P301+P310+ P331	IF SWALLOWED: immediately call POISON CENTER/doctor. Do NOT induce vomiting
P273	Avoid release to the environment
P280	Wear protective clothes/protective clothing/eye protection/face protection
P302+P352	IF ON SKIN: Wash with plenty of water

Special labelling of certain mixtures

EUH208	Contains Camphor, beta-Caryophyllene, Citral, Citronellol, Eucalyptol, Limonene, Linalool, alpha-Pinene, beta-Pinene, alpha-Terpinene, Terpinolene, alpha Terpineol. May produce an allergic reaction.
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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): Zingiber Officinale (Ginger) Root Extract, CAS-no. 84696-15-1 EC-no. (EINECS/ELINCS): 283-634-2

Hazardous components

EC NO	Chemical name	Quantity
CAS No	Classification according to directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
2989-620-2	Ginger extract (total extract)	
89957-98-2	Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Chronic 2; H315 H317 H304 H411	100%

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.

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.

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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

Extinguishing media which must not be used for safety reasons

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 and eyes, 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 and eyes and clothing.
Wear splash goggles and oilresistent gloves.
Do not breath 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 well in a 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 clothes

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 soa

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: brown
Odour: characteristic

PH-value no data available

Changes in the physical state

Melting point:

Initial boiling point and boiling range:

Sublimation point:

Softening point:

Flash point:

Test method

No data available

No data available

No data available

No data available

94°C close cup

Flammability

Solid:

No data available

Gas:

No data available

Explosive properties

No data available

Lower explosion limits:

No data available

Upper explosion limits:

No data available

Ignition temperature:

No data available

Auto-ignition temperature

Solid:

235°C

Gas:

No data available

Decomposition temperature:

No data available

Oxidizing properties

No data available

Vapour pressure:

No data available

Density:

0,950 - 0,990 g/cm³ pycnometer

Bulk density:

No data available

Water solubility:

insoluble

Viscosity / dynamic:

No data available

Viscosity / kinematic:

No data available

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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

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. Nosmoking

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

Toxicocinetics, metabolism and distribution

No data available

Acute toxicity

CAS No	Chemical name	Exposure route	Method	Dose	Species	Source
84696-15-1	Ginger extract (total extract)	oral	LD50	>5000 mg/kg	Rat (Sherman-Wistar)	

Irritation and corrosivity

Irritating to eyes, respiratory system and skin

Sensitising effects

may cause sensitization by skin contact

Practical experience

Observations relevant to classification

Irritating to eyes, respiratory system and skin
May cause allergic reactions of the skin

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

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12.5. Results of PBT and vPvB assessment

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods Advice on disposal

Advice on disposal

Waste disposal in 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 contain hazardous substances; hazardous waste

Contaminated packaging


Waste disposal in according to official state regulations

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains: Alpha Pinene, Limonene)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label	9 
Classification code:	M6
Special provisions:	274, 335, 375, 601
Limited quantity:	5 L
Expected quantity:	E 1
Transport category:	3
Hazard No.:	90
Tunnel restriction code:	-

Inland waterways transport (ADN)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains: Alpha Pinene, Limonene)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9 
Classification code:	F1
Special provisions:	274, 335, 375, 601
Limited quantity:	5 L
Expected quantity:	E 1

Marine transport (IMDG)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains: Alpha Pinene, Limonene)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III

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Hazard label:

9



Special provisions:

274, 335, 969

Limited quantity:

5 L

Expected quantity:

E 1

EmS:

F-A, S-F

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S
(Contains: Alpha Pinene, Limonene)

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9



Special provisions:

A97, A158, A197

Limited quantity passenger:

30 kg G

Passenger LQ:

Y964

Expected quantity:

E1

IATA-packing instructions - Passenger:

964

IATA-max. Quantity - Passenger:

450 L

IATA-packing instructions - Cargo:

964

IATA-max. Quantity - Cargo:

250 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

Yes



Danger releasing substance:

Ginger extract (total extract)

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of 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 instructions:

Observe restrictions to employment for juveniles 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

15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

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SECTION 16: Other information

Changes

This data sheet contained changes from the previous version in section(s) 3.

Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H411	Toxic to aquatic life with long lasting effect
EUH208	Contains Camphor, beta-Caryophyllene, Citral, Citronellol, Eucalyptol, Limonene, Linalool, alpha-Pinene, beta-Pinene, alpha-Terpinene, Terpinolene, alpha Terpineol. May produce an allergic reaction.