

Material Safety Information

according to Regulation (EC) No 1907/2006

Marigold Flower CO2-to extract

Date: 12-08-2020

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

1.1. Product identifier

Marigold Flower CO2-to extract

Further trade names

Ringelblumen CO2-to Extrakt (ökol.)

Marigold Flower CO2-to extract (organic)

Souci (fleurs) extrait CO2-to (bio)

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:

Street:

Place:

Telephone:

e-mail:

Contact person:

Internet:

Responsible Department:



Telefax:

1.4. Emergency telephone number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

This substance is not classified as hazardous in accordance with Directive 67/548/EEC.

2.2. Label elements

Additional advice on labelling

According to the regulation 1999/45/EG or appendix VI to the regulation 67/548/EEC the preparation requires no special marking.

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): Calendula Officinalis (Marigold) Flower Extract, CAS-no. 84776-23-8 EC-no. (EINECS/ELINCS): 283-949-5

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.

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After contact with skin

Gently wash 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.

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, 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 and eyes, concentrated extracts should not be swallowed.

Wear splash goggles and oilresistent gloves.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

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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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Remove contaminated clothes

Respiratory protection

Do not breathe vapour/spray.

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Wear clothing as usual in chemical industry

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: paste
Colour: red - brown
Odour: characteristic

Changes in the physical state

Melting point:
Initial boiling point and boiling range:
Sublimation point:
Softening point:
Flash point:

Flammability

Solid:
Gas:

Explosive properties

No data available

Lower explosion limits:
Upper explosion limits:
Ignition temperature:

Auto-ignition temperature

Solid:
Gas:
Vapour pressure:
Density (at 20°C):
Bulk density:
Water solubility:

Test method

No data available
No data available
No data available
No data available
> 65°C close cup

No data available
No data available

No data available
No data available
No data available

No data available
No data available
No data available
< 1,00 g/cm³ pycnometer
No data available
insoluble

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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

9.2. Other information

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

No data available

Further information

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No data available.

Irritation and corrosivity

No data available

Sensitising effects

No data available

Severe effects after repeated or prolonged exposure

No data available

Carcinogenic/mutagenic/toxic effects for reproduction

No data available

Empirical data on effects on humans

No data available

SECTION 12: Ecological information

12.1. Toxicity

No special environmental protection 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

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SECTION 13: Disposal considerations

13.1. Waste treatment methods Advice on disposal

Advice on disposal

Waste disposal according to official state regulation.

Waste disposal number of waste from residues/unused products

160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05

Contaminated packaging

Waste disposal according to official state regulations

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation

14.4. Packing group:

No dangerous good in sense of this transport regulation

Inland waterways transport (ADN)

14.1. UN number:

No dangerous good in sense of this transport regulation

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation

14.4. Packing group:

No dangerous good in sense of this transport regulation

Marine transport (IMDG)

14.1. UN number:

No dangerous good in sense of this transport regulation

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation

14.4. Packing group:

No dangerous good in sense of this transport regulation

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:

No dangerous good in sense of this transport regulation

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation

14.4. Packing group:

No dangerous good in sense of this transport regulation

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No

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

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

Changes

Reason for revision: general revision of whole document.



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