



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

1.1. Product identifier

Daikon Seed Extract

Chemical name: Radish, ext.

EU INCI name: Raphanus Sativus Seed Extract

US INCI name: Raphanus Sativus (Radish) Seed Extract

CAS No.: 84775-94-0, 8001-21-6, & 84604-14-8

EC No.: 283-918-6, 232-273-9, & 283-291-9

INDEX No.:

REACH No.: This substance is exempted from Registration according to the provisions of Article 2(7) and Annex V of REACH (EC 283-918-6, 232-273-9) and because the final component (283-291-9) is imported into the EU at a volume less than 1,000 kg.

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

Relevant identified uses: Cosmetic raw material
Manufacture of cosmetic products
Use of cosmetic products

Uses advised against: none

1.3. Details of the supplier of the safety data sheet

Manufacturer

Natural Plant Products, LLC
707 13th Street SE, Suite 290
Salem, OR 97301 USA

Telephone: +1 503 363 6402
Telefax: +1 503 587 8717

Supplier (manufacturer/importer/downstream user/distributor)

Natural Plant Products, LLC
707 13th Street SE, Suite 290
Salem, OR 97301 USA

Telephone: +1 503 363 6402
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Information contact

Natural Plant Products, LLC
707 13th Street SE, Suite 290
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Information telephone: +1 503 363 6402
Information telefax: +1 503 587 8717
E-mail (competent person): mmartinez@meadowfoam.com
Website: <http://www.meadowfoam.com>

Only representative

Chemservice GmbH
Herrnsheimer Hauptstr. 1b
D-67550 Worms
GERMANY

Information telephone: +49 (0) 6241 95480 0
Information telefax: +49 (0) 6241 95480 25
E-mail (competent person): germany@chemservice-group.com
Website: <https://chemservice-group.com>

1.4. Emergency telephone number

Natural Plant Products, LLC
This number is serviced during office hours.

Telephone: +1 503 363 6402

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008: -

Directive 67/548/EEC: -

2.2. Label elements

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

Hazard pictograms: -

Signal word: -

Hazard statements: -

Precautionary statements: -

Classification according to Directive 67/548/EEC or 1999/45/EC

Hazard symbols: -

R-phrases: -

S-phrases: -

2.3. Other hazards

No risks worthy of mention.

SECTION 3: Composition / information on ingredients

3.1. Substances

Natural plant extract.

3.2. Mixtures

not applicable

Composition/information on ingredients

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:
Radish, ext.	283-918-6	84775-94-0			99.7%		
Sunflower Oil	232-273-9	8001-21-6			0.27 – 0.29%		
Rosmary, ext.	283-291-9	84604-14-8			0.01 – 0.03%		

Substance with a common (EC) occupational exposure limit value

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:
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(Full text of R-, H- and EUH-phrases: see section 16.)

Additional information

none

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible). Take off immediately all contaminated clothing.

Following inhalation: Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.

Following skin contact: After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.
After eye contact: No special measures are necessary. In case of eye irritation consult an ophthalmologist.
After ingestion: Rinse mouth immediately and drink large quantities of water. Seek medical attention if problems persist.

Self-protection of the first aider: No special measures are necessary.

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

Symptoms: No symptoms known up to now.
Nature of Hazard: No risks worthy of mention.

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

Notes for the doctor: Have victim drink large quantities of water, with active charcoal if possible.
Special treatment: First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂). Dry extinguishing powder. Foam.
Unsuitable extinguishing media: Water fog. High power water jet. Water.

5.2. Special hazards arising from the substance or mixture

Pyrolysis products, toxic. Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

General information

Move undamaged containers from immediate hazard area if it can be done safely.

Special protective equipment for firefighters:

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

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Guide people to safety. Provide adequate ventilation. Remove all sources of ignition. High slip hazard because of leaking or spilled product.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Avoid generation of dust. Clear contaminated area thoroughly.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid contact with eyes.

Technical measures

Provide for sufficient ventilation and punctiform suction at critical points.

Precautions against fire and explosion

Usual measures for fire prevention.

Additional information

none

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

No special technical protective measures are necessary.

Packaging materials

Keep/Store only in original container.

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

Hints on joint storage

Do not store together with: Oxidizing agents. Keep away from food, drink and animal feedingstuffs.

Storage class: 10 Combustible liquids unless LGK 3A or 3B.

Further information on storage conditions

Protect against: heat. UV-radiation/sunlight.

7.3. Specific end use(s)

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

occupational exposure limit value

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
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Substance with a common (EC) occupational exposure limit value

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
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DNEL-/PNEC-values

DNEL value

Substance:	CAS-No.:	DNEL/DMEL	Industry	Professional	consumer
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PNEC Value

Substance:	CAS-No.:	PNEC	Worker, industry	Worker, professional	consumer
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Risk management measures according to used control banding approach

none

Additional information

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls

Occupational exposure controls

Technical measures and the application of adequate working methods take priority over the use of personal protection equipment.

General protection and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Apply skin care products after work. Wash contaminated clothing prior to re-use.

Personal protection equipment

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

Respiratory protection not required.

Hand protection

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374

Eye/face protection

Tightly sealed safety glasses.

Body protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Only wear fitting, comfortable and clean protective clothing. Barrier creams are not substitutes for body protection.

Environmental exposure controls

refer to chapter 7. No further action is necessary.

Consumer exposure controls

refer to chapter 7. No further action is necessary.

Exposure Scenario

none

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: liquid
Colour: yellow - golden
Odour: characteristic like: oil.
Odour threshold: No data available

Safety relevant basis data

parameter	unit	remark
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Density:		No data available
Bulk density:		not applicable
pH:		not applicable
Melting point/freezing point:	12 °C	
Initial boiling point and boiling range:		No data available
Flash point:	340 °C	
Flammability (solid, gas):		No data available
Explosivity:		No data available
Lower explosion limit:		No data available
Upper explosion limit:		No data available
Ignition temperature:		No data available
Decomposition temperature:		No data available
Oxidizing potential:		not applicable
Vapour pressure:		No data available
Vapour density:		No data available
Evaporation rate:		not applicable
Water solubility:		not miscible
Fat solubility:		complete miscible
Soluble in:	:	not applicable
Partition coefficient: n-octanol/water:		No data available
Viscosity:	at °C: 40 42,4 cSt	
Solvent separation test:		No data available
Solvent content:		No data available

9.2. Other information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

none

10.2. Chemical stability

With proper storage and handling the product is stable.

10.3. Possibility of hazardous reactions

none

10.4. Conditions to avoid

heat. UV-radiation/sunlight.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Pyrolysis products, toxic. Carbon monoxide. Carbon dioxide.

Additional information

none

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No information available.

Acute toxicity

Substance:	CAS-No.:	Toxicological information
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Specific symptoms in laboratory animals

No information available.

Irritation and etching

Irritant effect on the skin

Not an irritant.

Irritant effect on the eye

Not an irritant.

Irritant effect on the respiratory tract

Not an irritant.

Additional information

not corrosive

Sensitization

no danger of sensitization.

Repeated dose toxicity (subacute, subchronic, chronic)

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No indications of human carcinogenicity exist.

Germ cell mutagenicity

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

No indications of human reproductive toxicity exist.

General remarks

none

Practical experience/human evidence

none

Other observations

none

Other information

none

SECTION 12: Ecological information

12.1. Toxicity

No information available.

Ecotoxicity

Substance:	CAS-No.:	Ecotoxicity
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12.2. Persistence and degradability

Easily biodegradable (concerning to the criteria of the OECD)

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

12.4. Mobility in soil

none

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

none

Further ecological information

Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

Further details

none

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal/Product

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Appropriate disposal / Package

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

List of proposed waste codes/waste designations in accordance with EWC

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste code product: 20 01 26 - oil and fat other than those mentioned in 20 01 25

Waste code packaging: 15 01 06 - mixed packaging

remark

Waste disposal according to official state regulations.

SECTION 14: Transport information

14.1. UN number

UN No.: none

14.2. UN proper shipping name

Official directive for the transport

none

none

Proper Shipping name

none

none

14.3. Transport hazard class(es)

Hazard label(s): none

Classification code: none

14.4. Packing group

Packing group: none

14.5. Environmental hazards

Environmental hazards: none

14.6. Special precautions for user

Land transport (ADR/RID)

Remark: Not a hazardous material with respect to these transportation regulations.

Transport category: none

Tunnel restriction code: none

Special provisions: none

Limited quantity (LQ): none

Sea transport (IMDG)

Special Provisions: none

Remark: Not a hazardous material with respect to these transportation regulations.

EmS-No: none MFAG: none Marine pollutant: none

Special provisions: none

Limited quantity (LQ): none

Air transport (ICAO-TI / IATA-DGR)

Remark: Not a hazardous material with respect to these transportation regulations.

Limited quantity (LQ): none

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remark: none

SECTION 15: Regulatory information

Labeling

Hazardous component(s) for labelling

Radish, ext.

Special labelling of particular preparations

Safety data sheet available for professional user on request.

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

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

none

Regulation (EC) No 2037/2000 concerning materials, which cause damage to the ozone layer.

none

Regulation (EC) No. 648/2004 (Detergents regulation)

none

National regulations

Observe in addition any national regulations!

Restrictions of occupation

none

Storage class

10 Combustible liquids unless LGK 3A or 3B.

Water hazard class (WGK)

1 weak water pollutant (WGK 1)

Other regulations, restrictions and prohibition regulations

none

15.2. Chemical Safety Assessment

For this preparation a chemical safety assessment has been carried out: -

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements

-

R-phrases

-

Training advice

none

Recommended restrictions of use

refer to chapter 1.

Further remarks

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Documentation of changes

none

Key literature references and sources for data

Data arise from reference works and literature.

Abbreviations and acronyms

none