

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 1

Revised edition: 10.06.2021

Version: 2

Printed: 08.09.2021

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Rosemary Oil

Article No.: 73710

UFI: --

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

Laboratory chemical
Laboratory and analytical uses

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.com

EMail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

*Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)*

Flammable liquids, hazard category 3
Aspiration hazard, hazard category 1
Skin sensitization, hazard category 1
Chronic aquatic toxicity, hazard category 2

H226 Flammable liquid and vapour.

Cat.: 3

H304 May be fatal if swallowed and enters airways.

Cat.: 1

H315 Causes skin irritation.

Cat.: 2

H317 May cause an allergic skin reaction.

Cat.: 1

H319 Causes serious eye irritation.

Cat.: 2

H410 Very toxic to aquatic life with long lasting effects.

Cat.: 1

Possible Environmental Effects:

Label Elements

next page: 2

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 2

Revised edition: 10.06.2021

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2.2.

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

Hazard designation:



GHS02-2



GHS07



GHS08



GHS09

Signal word:

Danger

Hazard designation:

H226	Flammable liquid and vapour.
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.
H410	Very toxic to aquatic life with long lasting effects.

Safety designation:

P210	Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P273	Avoid release to the environment.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P301+P310	If swallowed: Immediately call a poison center or physician.
P331	Do not induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical attention.

Hazardous components for labelling:

2.3. Other Hazards

No information available.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Essential oil

Information on Components / Hazardous Ingredients:

Rosmarinus Officinalis (H226-304-315-317-319-

next page: 3

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 3

Revised edition: 10.06.2021

Version: 2

Printed: 08.09.2021

410)	100 %	CAS-Nr: 84604-14-8
		EINECS-Nr: 283-291-9
		EC-Nr:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air and keep patient calm.

Get medical help.

After skin contact:

Remove contaminated clothing. Wash off immediately with plenty of water and soap.

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes.

After ingestion:

Immediately get medical help.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

No further information available.

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

CO2, extinguishing powder, sand or earth.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

No special hazards.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Cool exposed containers with water spray.

next page: 4

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 4

Revised edition: 10.06.2021

Version: 2

Printed: 08.09.2021

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

*Provide adequate ventilation. Keep away from sources of ignition.
Wear protective clothing.*

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent, saw dust) and dispose accordingly.

6.4. Reference to other Sections

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

*Avoid the formation of aerosol.
Avoid contact with eyes and skin.*

Hygienic measures:

Do not eat or drink during work. Do not smoke.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

*Store in tightly sealed containers in a cool and well ventilated location.
Protect product from direct sunlight.*

Requirements for storage areas and containers:

Store the product in the original container.

Information on fire and explosion protection:

*Keep away from sources of ignition - do not smoke.
Do not store together with: foodstuffs and animal feed.*

Storage class:

3; Flammable liquids (TRGS 510)

Further Information:

Storage temperature: 15 - 25°C

7.3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

next page: 5

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 5

Revised edition: 10.06.2021

Version: 2

Printed: 08.09.2021

8.1. Parameters to be Controlled

None known

Parameters to be controlled (DE):

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work. Avoid contact with eyes.

Respiratory protection:

In case of long-term or higher exposure.

Respiratory equipment required in case of insufficient ventilation, filter type A (organic gases/vapors, boiling point > 65°C)

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Nitrile rubber (> 480 min, 0.35 mm)

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

Do not allow entering sewerage system.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: liquid

Color: yellowish, pale

Odor: characteristic

Odor threshold: no information available

pH-Value: not determined

Melting temperature:

next page: 6

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 6

Revised edition: 10.06.2021

Version: 2

Printed: 08.09.2021

	<i>not available</i>
<i>Boiling temperature:</i>	<i>> 100°C</i>
<i>Flash point:</i>	<i>35°C</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not available</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>0.890 - 0.920 g/cm³ (20°C)</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not determined</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not available</i>
<i>Explosive properties:</i>	<i>not available</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	<i>not determined</i>

9.2. Further Information

Solubility in solvents:
Viscosity, kinematic:
Burning class:
Solvent content:
Solid content:
Particle size:

next page: 7

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 7

Revised edition: 10.06.2021

Version: 2

Printed: 08.09.2021

Other information:

Refraction index: 1.465-1.475

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid heat and sources of ignition.

Thermal decomposition:

No data available.

10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Not classified as acutely toxic.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Irritating to skin.

Irritant effect on eyes:

Causes serious eye irritation.

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

May cause allergic skin reactions.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

next page: 8

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 8

Revised edition: 10.06.2021

Version: 2

Printed: 08.09.2021

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

Single exposure: the substance or mixture is not classified as specific target organ toxicant.

Repeated exposure: the substance or mixture is not classified as specific target organ toxicant.

Additional toxicological information:

Aspiration toxicity: may be fatal if swallowed and enters airways.

12. Ecological Information

12.1. Aquatic Toxicity

*Very toxic for aquatic organisms, with long-term adverse effects.
May cause long-term adverse effects in the aquatic environment.*

Fish toxicity:

No data available.

Daphnia toxicity:

No information available.

Bacteria toxicity:

No data available.

Algae toxicity:

No information available.

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

No data available.

12.6. Other Adverse Effects

Water hazard class:

2 (German Regulation) (Assessment by list): hazardous.

Behaviour in sewage systems:

Further ecological effects:

Do not let product enter waterways or sewage system.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

next page: 9

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 9

Revised edition: 10.06.2021

Version: 2

Printed: 08.09.2021

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Dispose of according to official local regulations.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA 1993

14.2. UN Proper Shipping Name

ADR/RID: ENTZÜNDBARER FLÜSSIGER STOFF, N.A.G. (Rosmarinöl); SV 274, 601

IMDG/IATA: FLAMMABLE LIQUID, N.O.S. (Rosemary Oil); SP 274, 601

14.3. Transport Hazard Classes

ADR Class: 3

Hazard no.: 3

Classification code: F1

Tunnel restriction code: D/E

IMDG Class (sea): 3

Hazard no.: 3

EmS No.: F-E, S-E

IATA Class: 3

Hazard no.: 3

14.4. Packaging Group

ADR/RID: III

IMDG: III

IATA: II

14.5. Environmental Hazards

Labelled with "P" according 2.10 IMDG: yes

14.6. Special Precautions for User

14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

not applicable

14.8. Further Information

Special Provision: 274, 601

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

2, hazardous for water (German Regulation)

next page: 10

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73710 Rosemary Oil

Page 10

Revised edition: 10.06.2021

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Local regulations on chemical accidents:

Employment restrictions:

The employment restrictions for expectant and nursing mothers, and for young workers are to be observed.

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15.3. Further Information

VOC Content: 100 %

Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable

Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable

Regulation (EC) 850/2004 - Persistent organic pollutants and amending Directive 79/117/EEC: not regulated / not applicable

RoHS Directive 2011/65/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS 2): not listed.

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.