

Trade name: Rosmarini aeth. (F&L PO125477)/Novartis

Date revised: 10.09.08

Dangerous substance number: 015628

Version: 1 / CH

Date of printing: 10.09.08

01. Identification of the substance/preparation and of the company/undertaking

Trade name

Rosmarini aeth. (F&L PO125477)/Novartis
 Item-No. 01562800

Use of the substance/preparation

Flavour/Fragrance

Company/undertaking identification

Address

Hänseler AG
 Industriestrasse 35
 9101 Herisau
 Telephone no. 0041 (0)71 353 58 58
 Emergency telephone 0041 (0)44 251 51 51

02. Hazards identification

Hazard symbols

Xn Harmful
 N Dangerous for the environment

R phrases

10 Flammable.
 43 May cause sensitization by skin contact.
 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 65 Harmful: may cause lung damage if swallowed.
 68 Possible risk of irreversible effects.

03. Composition / information on ingredients

Chemical characterization

Mixture of the following listed substances with harmless admixtures.

Hazardous ingredients

Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (1R)-

CAS no. 464-49-3
 EINECS no. 207-355-2
 Concentration >= 1 < 10 %

1,8-Cineole

CAS no. 470-82-6
 EINECS no. 207-431-5
 Concentration >= 50 %

Dipentene

CAS no. 138-86-3
 EINECS no. 205-341-0
 Concentration >= 1 < 10 %
 Classification Xi, R38-R43
 N, R50/53
 R10

(1R)-alpha-Pinene

CAS no. 7785-70-8
 EINECS no. 232-078-8



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Concentration	>=	1	<	10	%
Classification	Xn, R20/21/22-R65 Xi, R36/38-R43 N, R51/53 R10				

(1S)-alpha-Pinene

CAS no.	7785-26-4				
EINECS no.	232-077-3				
Concentration			<	1	%
Classification	Xn, R20/21/22-R65 Xi, R36/38-R43 N, R51/53 R10				

(1S)-beta-Pinene

CAS no.	18172-67-3				
EINECS no.	242-060-2				
Concentration	>=	1	<	10	%
Classification	Xn, R20/21/22-R65 Xi, R36/38-R43 N, R51/53 R10				

p-Isopropyl toluene

CAS no.	99-87-6				
EINECS no.	202-796-7				
Concentration	>=	1	<	10	%
Classification	Xi, R36/37/38 R10				

04. First aid measures**After inhalation**

Ensure supply of fresh air.. In the event of symptoms take medical treatment.. If the patient is likely to become unconscious, place and transport in stable sideways position.

After skin contact

Wash off immediately with soap and water and rinse well.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

After ingestion

By continuous complaints consult a physician.

05. Fire-fighting measures**Suitable extinguishing media**

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

Non Suitable extinguishing media

Full water jet

Special protective equipment for fire-fighting

No special measures required.

06. Accidental release measures**Personal precautions**

Wear protective equipment. Keep away unprotected persons.

Environmental precautions



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Advise water authority if spillage has entered water course or drainage system.. Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust).. Dispose of absorbed material in accordance with the regulations.. Ensure adequate ventilation.

07. Handling and storage**Handling****Advice on safe handling**

Avoid formation of aerosols.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.. Take precautionary measures against static charges.

Storage**Requirements for storage rooms and vessels**

No special requirements.

Hints on storage assembly

Not required.

Further information on storage conditions

Keep container tightly closed.

08. Expose controls/personal protection**General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work.

Occupational exposure controls**Respiratory protection**

Not necessary.

Hand protection

Protective gloves

Appropriate Material

Gloves / resistant to chemicals

Eye protection

Tightly fitting safety glasses

09. Physical and chemical properties**General information**

Form	liquid
Colour	colourless to yellowish
Odour	characteristic

Important health, safety and environmental information**Flash point**

Value	46	°C
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Melting point

Remarks	not determined
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Density

Value	0.912	g/cm ³
temperature	20	°C

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Solubility in water

Remarks Immiscible resp. little miscible.

10. Stability and reactivity**Conditions to avoid**

No decomposition if stored and applied as directed.. No hazardous reactions known.

Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information**Irritant/corrosive effects****Irritant effect on skin**

Remarks No effect of irritation known.

Irritant effect on eyes

Remarks No effect of irritation known

Sensitization

Remarks Possibility of sensitization through skin contact.

Effects after repeated or prolonged exposition (subacute, subchronic, cronic)**Mutagenicity**

Remarks None

Reproduction toxicity

Remarks None

Carcinogenicity

Remarks None

12. Ecological information**Fish toxicity**

Remarks Toxic for fishes.

General information / ecology

Do not allow it to reach ground water, water bodies or sewage system.. Hazard for drinking water supplies.. Toxic for aquatic organisms.

13. Disposal considerations**Disposal recommendations for the product**

EWC waste code

No not dispose with rubbish.

EWC waste code

Should not be released into the sanitary sewer system.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

14. Transport information**Land transport ADR/RID**

UN number	1993
Class	3
Packing group	III
Label	3
Technical name	FLAMMABLE LIQUID, N.O.S.
Danger releasing substance	1,8-Cineole, p-Isopropyl toluene



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Special provision 640E

Marine transport IMDG/GGVSee

UN number	1993
Class	3
Packing group	III
Technical name	FLAMMABLE LIQUID, N.O.S.
Danger releasing substance	1,8-Cineole, p-Isopropyl toluene
Marine Pollutant	no

Air transport ICAO/IATA

UN number	1993
Class	3
Packing group	III
Technical name	FLAMMABLE LIQUID, N.O.S.
Danger releasing substance	1,8-Cineole, p-Isopropyl toluene

15. Regulatory information**Labelling in accordance with EC directives**

The product is classified and labelled in accordance with EC directives/GefStoff V

Hazard symbols

Xn	Harmful
N	Dangerous for the environment

Hazardous component(s) to be indicated on label

contains Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (1R)-;Dipentene

R phrases

10	Flammable.
43	May cause sensitization by skin contact.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
68	Possible risk of irreversible effects.

S phrases

23	Do not breathe vapours/aerosols.
36/37	Wear suitable protective clothing and gloves.
43	In case of fire, use carbon dioxide (CO ₂) extinguishing powder or sand. Never use water.
57	Use appropriate container to avoid environmental contamination.

Water Hazard Class (Ger.)

Water Hazard Class	WGK 2
(Ger.)	
Self-assessment	

16. Other information**R-phrases of the ingredients listed in chapter 3**

10	Flammable.
20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
36/37/38	Irritating to eyes, respiratory system and skin.
36/38	Irritating to eyes and skin.
38	Irritating to skin.
43	May cause sensitization by skin contact.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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65

Harmful: may cause lung damage if swallowed.

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.