



Trade name: Naphtholum-beta

Substance number: 065742

Version: 2 / CH

Date revised: 29.03.12

Replaces Version: 1 / CH

Date of printing: 29.03.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Naphtholum-beta

Item-No.

06574200

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

Use of the substance/preparation

Chemical for synthesis

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no.

0041 (0)71 353 58 58

E-mail address of

sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4 H332

Acute Tox. 4 H302

Aquatic Acute 1 H400

Classification in accordance with EC directives

Classification

Xn, R20/22

N, R50

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Warning

Hazard statements

H302

Harmful if swallowed.

H332

Harmful if inhaled.

H400

Very toxic to aquatic life.

Precautionary statements

P273

Avoid release to the environment.



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Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

Harmful



Dangerous for the environment

R phrases

20/22

Harmful by inhalation and if swallowed.

50

Very toxic to aquatic organisms.

S phrases

24/25

Avoid contact with skin and eyes.

61

Avoid release to the environment. Refer to special instructions/Safety data sheets.

Hazardous component(s) to be indicated on label

contains

2-Naphthol

3. Composition/information on ingredients**Molecular weight**

Value

144.17

g/mol

Hazardous ingredients**2-Naphthol**

CAS No. 135-19-3

EINECS no. 205-182-7

Concentration \geq 50 %Classification Xn, R20/22
N, R50

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4 H332

Acute Tox. 4 H302

Aquatic Acute 1 H400

4. First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. In case of respiratory arrest induce breathing with a respiratory device. Seek medical advice.

After skin contact

Wash immediately with plenty of water for several minutes. Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

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



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After ingestion

Let plenty of water be drunk in small gulps. Summon a doctor immediately.

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

Chemical burn, Coughing, Shortness of breath, Breathing stop, Unconsciousness, Thirst, Excitement, Diarrhoea, Nausea, Vomiting, Headache, Convulsions, CNS Disturbance

5. Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water, Carbon dioxide, Foam, Dry powder

5.2. Special hazards arising from the substance or mixture

The product is combustible. In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

Other information

Do not discharge into surface waters/groundwater.

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing. Do not inhale dust. Wear protective equipment. Ensure adequate ventilation.

6.2. Environmental precautions

Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Dampen, pick up mechanically and dispose of. Clean up affected area. Avoid raising dust.

7. Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Observe safety references and application instructions mentioned on can.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value 15 25 °C

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Further information on storage conditions

Protect from light.

8. Exposure controls/personal protection**8.1. Control parameters****Other information**



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Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Remove contaminated, soaked clothing immediately and dispose of safely. Preventative skin protection.
Wash hands before breaks and after work.

Respiratory protection

Breathing apparatus in the event of aerosol. Short term: filter apparatus, Filter P3

Hand protection

Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 mm
Penetrating time	> 480 min

Eye protection

Safety glasses

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	solid		
Colour	white		
Odour	phenol-like		
pH	Remarks: No data available		
Melting point	Value	121.6	°C
Boiling point	Value	294.8	°C
	Pressure	1.013	hPa
Flash point	Value	153	°C
Explosion limits	Remarks: No data available		
Vapour pressure	Value	< 0.01	kPa
	Temperature	30	°C
	Value	1.33	kPa
	Temperature	146	°C
Density	Value	1.27	g/cm ³
	Temperature	20	°C
Solubility in water	Value	1	g/l
	Temperature	20	°C
Octanol/water partition coefficient (log Pow)	pOW	2.7	
	method	calculated	
Ignition temperature	Value	430	°C



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Species	Fathead minnow (Pimephales promelas)		
LC50	3.46		mg/l
Duration of exposure	96	h	

Daphnia toxicity

Species	Daphnia magna		
EC50	3.5		mg/l
Duration of exposure	48	h	

12.2. Persistence and degradability**Biodegradability**

Remarks The product is biodegradable.

Biochemical oxygen demand (BOD5)

Value to 68 %(m)

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow)**

pOW	2.7
method	calculated

12.6. Other adverse effects**Behaviour in environment compartments.**

Because of the n-octanol/water distribution coefficient (log pOW) accumulation in organisms is not possible.

General information / ecology

Very toxic for aquatic organisms. Do not allow it to reach soil, ground water, water bodies or sewage system.

13. Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code	Should not be released into the sanitary sewer system.
Disposal in compliance with local and national regulations.	

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

14. Transport information**Land transport ADR/RID****14.1. UN number**

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

Danger releasing substance 2-Naphthol

14.3. Transport hazard class(es)

Class 9

Label 9

14.4. Packing group

Packing group III

Marine transport IMDG/GGVSee**14.1. UN number**

UN 3077



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14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

Danger releasing substance 2-Naphthol

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

Air transport ICAO/IATA**14.1. UN number**

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

Danger releasing substance 2-Naphthol

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

15. Regulatory information**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

16. Other information**R-phrases listed in chapter 3**20/22 Harmful by inhalation and if swallowed.
50 Very toxic to aquatic organisms.**Hazard statements listed in chapter 3**H302 Harmful if swallowed.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.**Supplemental information**Relevant changes compared with the previous version of the safety data sheet are marked with: ***
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.