Safety data sheet in accordance with regulation (EC) No 1907/2006



Trade name: Naphtholum-beta

Substance number: 065742

Version: 2 / CH Replaces Version: 1 / CH Date revised: 29.03.12 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)

H332
H302
H400

Classification in accordance with EC directives

Xn, R20/22 N, R50

2.2. Label elements

Classification

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms

$\langle \cdot \rangle \langle$	¥2
Signal Word	
Warning	
Hazard statement	ts
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
Precautionary sta	Itements
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





environment

R phrases

20/22 50 Harmful by inhalation and if swallowed. Very toxic to aquatic organisms.

S phrases

24/25 61 Avoid contact with skin and eyes. 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 ingredient	ts			
2-Naphthol				
CAS No.	135-19-3			
EINECS no.	205-182-7			
Concentration		>=	50	%
Classification	Xn, R20/22			
	N, R50			
Classification (Regula	tion (EC) No. 1272/2008)			
	Acute Tox. 4	H332		
	A auto Tax 1	11000		

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.

15

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value

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

Safety data sheet in accordance v	vith regula	tion (EC) N	lo 1907/2006	HÄNSELER AG Partnership to success
Trade name: Naphtholum-beta				
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Contains no substances w	ith occupat	ional expos	ure limit value	S.
8.2. Exposure controls				
General protective and h	vaiene me	easures		
-	aked clothi	ng immedia	tely and dispo	se of safely. Preventative skin protection.
Respiratory protection				
Breathing apparatus in the	event of a	erosol. Sho	rt term: filter a	pparatus, Filter P3
Hand protection				
Appropriate Material	nitrile ru	ubber - NBR		
Material thickness Penetrating time	>	-	mm min	
Eye protection	-	400		
Safety glasses				
9. Physical and chemica	al prope	rties		
9.1. Information on basic p			ical nroner	tios
Form	solic			
Colour	whit	-		
Odour	phei	nol-like		
рН				
Remarks	No c	lata availab	le	
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 c	lata availab	le	
Vapour pressure				
Value	<	0.01	~	kPa
Temperature Value		30 1.33	C	kPa
Temperature		146	c	Ki û
Density				
Value		1.27		g/cm ³
Temperature		20	C	-
Solubility in water				
Value Temperature		1 20	C	g/l
Octanol/water partition c	oefficient			
pOW	Somoleilt	2.7		
method	calc	ulated		
Ignition temperature				

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9.2. Other information							
Bulk density							
Value	app	or. 300			kg/m³		
10. Stability and reactivit	ty						
10.5. Incompatible materials Strong oxidising agents, St permanganate, Acids, Pher of iron (III)	rong base						ounds
11. Toxicological inform	<u>ation</u>						
11.1. Information on toxicol	ogical e	effects					
Acute oral toxicity							
Species	rat						
LD50 method	OECD	401	to	1960	mg/kg		
Acute dermal toxicity	OECD	401					
Species	rabbit						
LD50	>	10000			mg/kg		
Source	RTECS	5			00		
Acute inhalational toxicity	/						
Species	rat				4		
LC50 Duration of exposure	>	0.2 4	h		mg/l		
Source	IUCLIE	-					
Skin corrosion/irritation							
Species	rabbit						
method	OECD						
Remarks		r irritating ((skin)				
Serious eye damage/irrita							
Species method	rabbit OECD	405					
Remarks		irritating ((Eye)				
Sensitization		-					
Species	guinea	pig					
method	OECD						
Remarks	positiv	e					
Experience in practice	antition, di	oordoro of	the een	tral name	aveter and	ama callanaa haa	daaba
After resorption of toxic qua nausea. vomiting. diarrhea Liver damage is possible.							
Other information							
Observe the usual precauti	ons for ha	andling che	emicals.				
12. Ecological information	on						

	with regulation (E	C) No 190	7/2006		HANSELER AG Partnership to success	\mathbb{Z}
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Species	Fathead minno	w (Pimep	hales pror	nelas)		
LC50	3.46		•	mg/l		
Duration of exposure	96	h				
Daphnia toxicity						
Species	Daphnia magn	а		4		
EC50	3.5 48	h		mg/l		
Duration of exposure		n				
12.2. Persistence and degra Biodegradability	adability					
Remarks	The product is	biodegrad	lable			
Biochemical oxygen dem	•	bioacgiac				
Value	ialiu (BOD3)	to	68	%(m)		
		10	00	70(111)		
12.3. Bioaccumulative pote	ential					
Octanol/water partition c	oefficient (log P	ow)				
pOW	2.7					
method	calculated					
12.6. Other adverse effects						
General information / eco						
Very toxic for aquatic orga system.	inismes. Do not alle	ow it to rea	ach soil, g	round water, v	vater bodies or sewa	ge
Very toxic for aquatic orga system. 13. Disposal considerat	ions	ow it to rea	ach soil, g	round water, v	vater bodies or sewa	ge
Very toxic for aquatic orga system. 13. Disposal considerat 13.1. Waste treatment meth	ions nods		ach soil, g	round water, v	vater bodies or sewa	ge
Very toxic for aquatic orga system. 13. Disposal considerati 13.1. Waste treatment meth Disposal recommendatio	<u>ions</u> nods ons for the produ	uct				
Very toxic for aquatic orga system. 13. Disposal consideration 13.1. Waste treatment methes Disposal recommendation EWC waste code	ions nods ons for the produ	uct Should no	t be releas		vater bodies or sewa nitary sewer system	
Very toxic for aquatic orga system. 13. Disposal consideration 13.1. Waste treatment method Disposal recommendation EWC waste code Disposal in compliance with	ions nods ons for the produ th local and nation	uct Should no al regulatio	t be releas			
Very toxic for aquatic orga system. 13. Disposal consideration 13.1. Waste treatment mether Disposal recommendation EWC waste code Disposal in compliance with Disposal recommendation	ions nods ons for the produ th local and nation ons for packagin	u ct Should no al regulatio	t be releas			
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Very toxic for aquatic orga system. 13. Disposal considerations 13.1. Waste treatment methem Disposal recommendations EWC waste code Disposal in compliance with Disposal recommendations Disposal in compliance with 14. Transport informations Land transport ADR/RID 14.1. UN number UN 3077 14.2. UN proper shipping na	ions nods ons for the produ th local and nationa ons for packagin th local and nationa on	uct Should no al regulatio al regulatio	t be releas	sed into the sa		
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Very toxic for aquatic orga system. 13. Disposal considerations 13.1. Waste treatment mether Disposal recommendations EWC waste code Disposal in compliance with Disposal recommendations Disposal in compliance with 14. Transport informations 14. Transport ADR/RID 14.1. UN number UN 3077 14.2. UN proper shipping na ENVIRONMENTALLY HA Danger releasing substands 14.3. Transport hazard class Class Label	ions nods ons for the produ th local and nationa ons for packagin th local and nationa on 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	uct Should no al regulatio al regulatio	t be releas	sed into the sa		
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Very toxic for aquatic orga system. 13. Disposal considerations 13.1. Waste treatment mether Disposal recommendations EWC waste code Disposal in compliance with Disposal recommendations Disposal in compliance with 14. Transport informations 14. UN number UN 3077 14.2. UN proper shipping na ENVIRONMENTALLY HA Danger releasing substance 14.3. Transport hazard class Class Label	ions nods ons for the produ th local and nationa ons for packagin th local and nationa on on 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	uct Should no al regulatio al regulatio	t be releas	sed into the sa		
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 14.2. UN proper shipping r ENVIRONMENTALLY H/ Danger releasing substar 14.3. Transport hazard class 14.4. Packing group Packing group 	AZARDOUS SUBSTANCE, SOLID, N.O.S nce 2-Naphthol	
Air transport ICAO/IATA 14.1. UN number UN 3077 14.2. UN proper shipping r ENVIRONMENTALLY H/ Danger releasing substar 14.3. Transport hazard class Class 14.4. Packing group Packing group	AZARDOUS SUBSTANCE, SOLID, N.O.S nce 2-Naphthol	
15. Regulatory information 15.2. Chemical safety asso	essment	
For this substance a che	mical safety assessment has not been carried o	ut.
16. Other information		
R-phrases listed in chap	oter 3	
20/22	Harmful by inhalation and if swallowed.	
50	Very toxic to aquatic organisms.	
Hazard statements liste	•	
H302	Harmful if swallowed. Harmful if inhaled.	
H332 H400	Very toxic to aquatic life.	
H332 H400	Very toxic to aquatic life.	
H332 H400 Supplemental informatio Relevant changes compa This information is based		should not constitute a
H332 H400 Supplemental informatio Relevant changes compa This information is based	on ared with the previous version of the safety data on our present state of knowledge. However, it	should not constitute a
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