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### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 15.12.2023

Version number 29 (replaces version 28)

Revision: 15.12.2023

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

· 1.1 Product identifier	
<ul> <li>Trade name</li> <li>1.2 Relevant identified uses of the substance or mixture</li> </ul>	Nafuflex Easy Tech 1
and uses advised against • Application of the substance	No further relevant information available.
/ the mixture	Bitumen high build coating
· 1.3 Details of the supplier of a	the safety data sheet
· Manufacturer/Supplier:	MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 D-46238 Bottrop Tel.: +49(0)2041-101-0 Fax.: +49(0)2041-101-400 E-Mail: info@mc-bauchemie.de MC-Bauchemie AG Hagackerstr. 10 CH-8953 Dietikon Tel.: +44-7400510
	Fax : +44-7400533
<ul> <li>Informing department:</li> <li>1.4 Emergency telephone</li> </ul>	msds@mc-bauchemie.de
number:	Tel.: +49 /  (0)700 24112112 (MCR) Tel.: +48612864565
SECTION 2: Hazards ide	ntification

#### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

#### <sup>•</sup> 2.2 Label elements

- Labelling according to
- **Regulation (EC) No 1272/2008** The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



Warning

- · Signal word
- Hazard-determining components of labelling:

2-methyl-2H-isothiazol-3-one 2-octyl-2H-isothiazol-3-one Rosin

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### Safety data sheet according to 1907/2006/EC, Article 31

Revision: 15.12.2023 Printing date 15.12.2023 Version number 29 (replaces version 28) Trade name Nafuflex Easy Tech 1 (Contd. of page 1) 8-cyclohexadecen-1-one reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) · Hazard statements H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects. · Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P273 Avoid release to the environment. P280 Wear protective gloves. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P321 Specific treatment (see on this label). P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Contains biocidal products: 8-cyclohexadecen-1-one, 2-methyl-2H-· Additional information: isothiazol-3-one, 2-octyl-2H-isothiazol-3-one, reaction mass of: 5chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) · 2.3 Other hazards · Results of PBT and vPvB assessment · PBT: Not applicable.

· vPvB:

Not applicable.

### SECTION 3: Composition/information on ingredients

#### · 3.2 Mixtures · Descript

CAS: 8052-42-4	Asphalt	30-60%
EINECS: 232-490-9	substance with a Community workplace exposure limit	
CAS: 1314-13-2	Zinc oxide	<i>≥</i> 0.25-<0.5%
EINECS: 215-222-5	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 8050-09-7	Rosin	<i>≥</i> 0.1-<0.5%
EINECS: 232-475-7	Skin Sens. 1, H317	
CAS: 1219010-04-4	N-C16-18 (even numbered) and C18	<0.025%
EC number: 629-719-3	(unsaturated) alkyl propane-1,3-diamine	
Reg.nr.: 01-2119487014-41	STOT RE 1, H372; Skin Corr. 1B, H314; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302	
CAS: 2634-33-5	8-cyclohexadecen-1-one	<0.025%
	Acute Tox. 2, H330; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1,	
	H317	
	Specific concentration limit:	
	Skin Sens. 1; H317:C ≥ 0.05 %	



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		(Contd. of page 2)
CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 ( $M$ =10); Aquatic Chronic 1, H410 ( $M$ =1); Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 %	<i>≥</i> 0.0015-<0.025%
CAS: 13463-41-7 EINECS: 236-671-3	pyrithione zinc Acute Tox. 3, H301; Acute Tox. 2, H330; Repr. 1B, H360D; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10) ATE: LD50 oral: 221 mg/kg LC50/4 h inhalative: 0.14 mg/l	<i>≥</i> 0.0025-<0.025%
CAS: 26530-20-1 EINECS: 247-761-7	2-octyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 ATE: LD50 oral: 125 mg/kg LD50 dermal: 311 mg/kg LC50/4 h inhalative: 0.27 mg/l Specific concentration limit: Skin Sens. 1A;H317: C $\geq$ 0.0015 %	<i>≥</i> 0.0015-<0.0025%
CAS: 55965-84-9	reaction mass of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500-7] and 2- methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1C;H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	<0.00025%

### **SECTION 4: First aid measures**

· 4.1 Description of first aid measures

- General information
- After inhalation
- Supply fresh air.
- · After skin contact

The product is not skin irritating.

Instantly remove any clothing soiled by the product.

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Revision: 15.12.2023 Printing date 15.12.2023 Version number 29 (replaces version 28) Trade name Nafuflex Easy Tech 1 (Contd. of page 3) · After eye contact Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor. · After swallowing Rinse out mouth and then drink plenty of water. Seek medical treatment. · 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available. 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available. SECTION 5: Firefighting measures 5.1 Extinguishing media · Suitable extinguishing agents Use fire fighting measures that suit the environment. 5.2 Special hazards arising from the substance or

mixtureNo further relevant information available.• 5.3 Advice for firefighters• Protective equipment:• No special measures required.

#### SECTION 6: Accidental release measures

<ul> <li>6.1 Personal precautions, protective equipment and</li> </ul>	
emergency procedures	Not required.
6.2 Environmental	
precautions:	Do not allow product to reach sewage system or water bodies.
<sup>•</sup> 6.3 Methods and material for	
containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
<sup>•</sup> 6.4 Reference to other	
sections	No dangerous materials are released.

#### **SECTION 7: Handling and storage**

<ul> <li>7.1 Precautions for safe handling</li> <li>Information about protection</li> </ul>	No special measures required.
against explosions and fires:	No special measures required.
<ul> <li>7.2 Conditions for safe storag</li> <li>Storage</li> <li>Requirements to be met by storerooms and containers:</li> </ul>	e, including any incompatibilities No special requirements.
storerooms and containers.	No special requirements.

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Information about storage	
one common storage facili · Further information about	ity: Not required.
storage conditions:	None.
· Storage class	12
<sup>.</sup> 7.3 Specific end use(s)	No further relevant information available.
SECTION 8: Exposure	controls/personal protection
<sup>•</sup> 8.1 Control parameters	
<ul> <li>Components with critical w</li> </ul>	values that require monitoring at the workplace:
CAS: 8052-42-4 Asphalt	
WEL Short-term value: 10 n Long-term value: 5 mg	
CAS: 8050-09-7 Rosin	
WEL Short-term value: 0.15	i mg/m³
Long-term value: 0.05 Sen	
· Additional information:	The lists that were valid during the compilation were used as basis
Annronriate engineering	
Appropriate engineering controls	No further data; see section 7.
controls Individual protection meas	<i>No further data; see section 7.</i> sures, such as personal protective equipment
controls Individual protection meas General protective and	
controls Individual protection meas	<b>ures, such as personal protective equipment</b> Keep away from foodstuffs, beverages and food. Wash hands during breaks and at the end of the work.
controls Individual protection meas General protective and	sures, such as personal protective equipment Keep away from foodstuffs, beverages and food. Wash hands during breaks and at the end of the work. Only during spraying without adequate removal by suction.
controls Individual protection meas General protective and hygienic measures	sures, such as personal protective equipment Keep away from foodstuffs, beverages and food. Wash hands during breaks and at the end of the work. Only during spraying without adequate removal by suction. Short term filter device:
controls Individual protection meas General protective and hygienic measures	sures, such as personal protective equipment Keep away from foodstuffs, beverages and food. Wash hands during breaks and at the end of the work. Only during spraying without adequate removal by suction. Short term filter device: If the limit value is exceeded, respiratory protection with particl
controls Individual protection meas General protective and hygienic measures Breathing equipment:	Sures, such as personal protective equipment Keep away from foodstuffs, beverages and food. Wash hands during breaks and at the end of the work. Only during spraying without adequate removal by suction. Short term filter device: If the limit value is exceeded, respiratory protection with particl filter P2 (white) is required.
controls Individual protection meas General protective and hygienic measures	<ul> <li>Sures, such as personal protective equipment</li> <li>Keep away from foodstuffs, beverages and food.</li> <li>Wash hands during breaks and at the end of the work.</li> <li>Only during spraying without adequate removal by suction.</li> <li>Short term filter device:</li> <li>If the limit value is exceeded, respiratory protection with particle filter P2 (white) is required.</li> <li>Protective gloves.</li> <li>Selection of the glove material on consideration of the penetration</li> </ul>
controls Individual protection meas General protective and hygienic measures Breathing equipment:	<ul> <li>Sures, such as personal protective equipment</li> <li>Keep away from foodstuffs, beverages and food.</li> <li>Wash hands during breaks and at the end of the work.</li> <li>Only during spraying without adequate removal by suction.</li> <li>Short term filter device:</li> <li>If the limit value is exceeded, respiratory protection with particl filter P2 (white) is required.</li> <li>Protective gloves.</li> <li>Selection of the glove material on consideration of the penetratio times, rates of diffusion and the degradation</li> </ul>
controls Individual protection meas General protective and hygienic measures Breathing equipment: Hand protection	<ul> <li>Sures, such as personal protective equipment</li> <li>Keep away from foodstuffs, beverages and food.</li> <li>Wash hands during breaks and at the end of the work.</li> <li>Only during spraying without adequate removal by suction.</li> <li>Short term filter device:</li> <li>If the limit value is exceeded, respiratory protection with particl filter P2 (white) is required.</li> <li>Protective gloves.</li> <li>Selection of the glove material on consideration of the penetratio times, rates of diffusion and the degradation</li> <li>After use of gloves apply skin-cleaning agents and skin cosmetics</li> </ul>
controls Individual protection meas General protective and hygienic measures Breathing equipment:	<ul> <li>Keep away from foodstuffs, beverages and food.</li> <li>Wash hands during breaks and at the end of the work.</li> <li>Only during spraying without adequate removal by suction.</li> <li>Short term filter device:</li> <li>If the limit value is exceeded, respiratory protection with particle filter P2 (white) is required.</li> <li>Protective gloves.</li> <li>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</li> <li>After use of gloves apply skin-cleaning agents and skin cosmetics Nitrile rubber, NBR</li> </ul>
controls Individual protection meas General protective and hygienic measures Breathing equipment: Hand protection	<ul> <li>Keep away from foodstuffs, beverages and food.</li> <li>Wash hands during breaks and at the end of the work.</li> <li>Only during spraying without adequate removal by suction.</li> <li>Short term filter device:</li> <li>If the limit value is exceeded, respiratory protection with particl filter P2 (white) is required.</li> <li>Protective gloves.</li> <li>Selection of the glove material on consideration of the penetratio times, rates of diffusion and the degradation</li> <li>After use of gloves apply skin-cleaning agents and skin cosmetics Nitrile rubber, NBR</li> <li>The selection of the suitable gloves does not only depend on th</li> </ul>
controls Individual protection meas General protective and hygienic measures Breathing equipment: Hand protection	<ul> <li>Keep away from foodstuffs, beverages and food.</li> <li>Wash hands during breaks and at the end of the work.</li> <li>Only during spraying without adequate removal by suction.</li> <li>Short term filter device:</li> <li>If the limit value is exceeded, respiratory protection with particle filter P2 (white) is required.</li> <li>Protective gloves.</li> <li>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</li> <li>After use of gloves apply skin-cleaning agents and skin cosmetics Nitrile rubber, NBR</li> </ul>
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controls Individual protection meas General protective and hygienic measures Breathing equipment: Hand protection	<ul> <li>Sures, such as personal protective equipment</li> <li>Keep away from foodstuffs, beverages and food.</li> <li>Wash hands during breaks and at the end of the work.</li> <li>Only during spraying without adequate removal by suction.</li> <li>Short term filter device:</li> <li>If the limit value is exceeded, respiratory protection with particle filter P2 (white) is required.</li> <li>Protective gloves.</li> <li>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</li> <li>After use of gloves apply skin-cleaning agents and skin cosmetics Nitrile rubber, NBR</li> <li>The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not b calculated in advance and has therefore to be checked prior to the</li> </ul>
controls Individual protection meas General protective and hygienic measures Breathing equipment: Hand protection Material of gloves	<ul> <li>Keep away from foodstuffs, beverages and food.</li> <li>Wash hands during breaks and at the end of the work.</li> <li>Only during spraying without adequate removal by suction.</li> <li>Short term filter device:</li> <li>If the limit value is exceeded, respiratory protection with particle filter P2 (white) is required.</li> <li>Protective gloves.</li> <li>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</li> <li>After use of gloves apply skin-cleaning agents and skin cosmetics Nitrile rubber, NBR</li> <li>The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of the suitable gloves is provided and the penetration of the suitable gloves is not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.</li> </ul>
controls Individual protection meas General protective and hygienic measures Breathing equipment: Hand protection	<ul> <li>Sures, such as personal protective equipment</li> <li>Keep away from foodstuffs, beverages and food.</li> <li>Wash hands during breaks and at the end of the work.</li> <li>Only during spraying without adequate removal by suction.</li> <li>Short term filter device:</li> <li>If the limit value is exceeded, respiratory protection with particle filter P2 (white) is required.</li> <li>Protective gloves.</li> <li>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</li> <li>After use of gloves apply skin-cleaning agents and skin cosmetics Nitrile rubber, NBR</li> <li>The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not b calculated in advance and has therefore to be checked prior to the</li> </ul>



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· Eye/face protection

Safety glasses

SECTION 9: Physical and chemical properties · 9.1 Information on basic physical and chemical properties · General Information · Colour: Dark brown · Smell: Fish-like • Melting point/freezing point: Not determined · Boiling point or initial boiling point and boiling range 100 °C (CAS: 7732-18-5 water, distilled, conductivity or of similar purity) · Flash point: Not applicable · pH at 20 °C 9 · Viscositv: · Kinematic viscosity Not determined. · dynamic at 20 °C: 50000 mPas Solubility · Water: Fully miscible Steam pressure at 20 °C: 23 hPa (CAS: 7732-18-5 water, distilled, conductivity or of similar purity) · Density and/or relative density · Density at 20 °C 0.85 g/cm<sup>3</sup> · 9.2 Other information · Appearance: · Form: Pasty · Important information on protection of health and environment, and on safety. · Self-inflammability: Product is not selfigniting. Product is not explosive. · Explosive properties: · Information with regard to physical hazard classes Void · Explosives Void · Flammable gases Void · Aerosols · Oxidising gases Void Gases under pressure Void · Flammable liquids Void · Flammable solids Void · Self-reactive substances and mixtures Void · Pyrophoric liquids Void Pyrophoric solids Void Void · Self-heating substances and mixtures <sup>•</sup> Substances and mixtures, which emit Void flammable gases in contact with water Void · Oxidising liquids (Contd. on page 7)



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#### Trade name Nafuflex Easy Tech 1

-			
	Oxid	isina	solids

- · Organic peroxides
- · Corrosive to metals
- · Desensitised explosives

· 10.2 Chemical stability

#### SECTION 10: Stability and reactivity

· 10.1 Reactivity

No further relevant information available.

Void

Void

Void

Void

· Thermal decomposition /	
conditions to be avoided:	No decomposition if used according to specifications.
<ul> <li>10.3 Possibility of hazardous reactions</li> </ul>	No dangerous reactions known

- reactions No dangerous reactions known • 10.4 Conditions to avoid No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- 10.6 Hazardous

decomposition products:

No dangerous decomposition products known

#### **SECTION 11: Toxicological information**

• **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008** • **Acute toxicity** Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:

CAS: 805	2-42-4 As	phalt			
Dermal	LD50	>2000 mg/kg (rabbit)			
	NOAEL	2000 mg/kg (rabbit)			
Inhalative	ive NOAEL	103.9 mg/l (rat)			
CAS: 805	0-09-7 Ro	sin			
Oral	LD50	>2500 mg/kg (Meerschweinchen)			
		>3000 mg/kg (mouse)			
		>2000 mg/kg (rat)			
Dermal	LD50	2000 mg/kg (rabbit)			
CAS: 121	9010-04-4	N-C16-18 (even numbered) and C18 (unsaturated) alkyl propane-1,3 diamine			
Oral	LD50	500 mg/kg (rat)			
	NOAEL	0.4 mg/kg (rat)			
CAS: 263	4-33-5 8-0	yclohexadecen-1-one			
Oral	LD50	1020 mg/kg (rat)			
Dermal	LD50	>2000 mg/kg (rat)			
CAS: 268	2-20-4 2-r	nethyl-2H-isothiazol-3-one			
	LD50	50-300 mg/kg (rat)			
Oral	LDUU				

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			(Contd. of page	
		0.11 mg/l (ı	•	
CAS: 134	63-41-7 ру	rithione zir	1C	
Oral	LD50	221 mg/kg (ATE)		
Inhalative	LC50/4 h	0.14 mg/l (ATE)		
CAS: 265	30-20-1 2-	octyl-2H-iso	othiazol-3-one	
Oral	LD50	125 mg/kg (ATE)		
		500 mg/kg	(rat)	
Dermal	LD50	311 mg/kg	(ATE)	
		>2000 mg/l	kg (rat)	
Inhalative	LC50/4 h	0.27 mg/l (/	ATE)	
		0.6 mg/l (ra	it)	
CAS: 559	65-84-9 re	• •	s of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-50	
			nyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	
Oral	LD50	49.6-75 mg/kg (rat)		
Dermal	LD50	87.12 mg/k	g (rabbit)	
Inhalative	LC50/4 h	0.171 mg/l	(rat)	
Skin corre	osion/irrit	ation	Based on available data, the classification criteria are not met.	
Respirato				
sensitisat			May cause an allergic skin reaction.	
Germ cell	•		Based on available data, the classification criteria are not met.	
Carcinog			Based on available data, the classification criteria are not met.	
Reproduc			Based on available data, the classification criteria are not met.	
• STOT-single exposure • STOT-repeated exposure			Based on available data, the classification criteria are not met.	
			Based on available data, the classification criteria are not met.	
Aspiration		other haza	Based on available data, the classification criteria are not met.	
		••••••		
	-	ng propertie	95	
None of th	ne inaredie	nts is listed.		

## **SECTION 12: Ecological information**

· Aquatic toxicity:		
CAS: 805	2-42-4 Asphalt	
EC50/72h	>1000 mg/l (algae)	
LC50/96h	0.002 mg/l (Coregonus clupeaformis)	
	>1000 mg/l (fish)	
EC50	0.062 mg/l (Gammarus pseudolimnaeus)	
LC50/48h	>1000 mg/l (Daphnien)	
NOEC	>1000 mg/l (Daphnien)	
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CAS: 8050	0-09-7 Rosin (Contd. of page			
	>1000 mg/l (Daphnia magna)			
	0010-04-4 N-C16-18 (even numbered) and C18 (unsaturated) alkyl propane-1, diamine			
LC50/24h	0.148 mg/l (fish)			
EC50	0.29 mg/l (Daphnia magna)			
NOEC	>0.01 mg/l (algae)			
CAS: 2634	I-33-5 8-cyclohexadecen-1-one			
EC50/72h	0.067 mg/l (Pseudokirchneriella subcapitata)			
	0.11 mg/l (Selenastrum capricornutum)			
LC50/96h	1.6 mg/l (Oncorhynchus mykiss)			
EC50/48h	1.1 mg/l (Daphnia magna)			
CAS: 2682	2-20-4 2-methyl-2H-isothiazol-3-one			
EC50/72h	0.157 mg/l (Pseudokirchneriella subcapitata)			
LC50/96h	6 mg/l (Oncorhynchus mykiss)			
EC50/48h	1.68 mg/l (Daphnies)			
CAS: 1346	63-41-7 pyrithione zinc			
IC50/72h	0.067 mg/l (Selenastrum capricornutum)			
LC50/96h	0.15 mg/l (Oncorhynchus mykiss)			
EC50/48h	0.05 mg/l (Daphnies)			
CAS: 2653	30-20-1 2-octyl-2H-isothiazol-3-one			
	0.42 mg/l (Daphnien)			
CAS: 5596	5-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-50 7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)			
LC50/24h	0.19 mg/l (fish)			
EC50/72h	0.027 mg/l (Pseudokirchneriella subcapitata)			
LC50/96h	0.19 mg/l (Oncorhynchus mykiss)			
LC50/48h	0.28 mg/l (fish)			
EC50/48h	0.16 mg/l (Daphnia magna)			
NOEC	0.02 mg/l (Oncorhynchus mykiss)			
	0.00049 mg/l (Ske)			
	0.1 mg/l (Daphnia magna)			
12.2 Persi degradabi	stence and lity No further relevant information available.			
	cumulative			
potential	No further relevant information available. No further relevant information available.			
12.4 Mobil 12.5 Resu	Its of PBT and vPvB assessment			
PBT:	Not applicable.			
vPvB:	Not applicable.			
	(Contd. on page			



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properties	ng The product does not contain substances with endocrine disrupting properties.	
12.7 Other adverse effe	ects	
Additional ecological in	nformation:	
General notes:	Danger to drinking water if even extremely small quantities leal into soil.	

#### **SECTION 13: Disposal considerations**

<ul> <li>13.1 Waste treatment methods</li> <li>Recommendation</li> </ul>	<b>s</b> Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
<ul> <li>Uncleaned packagings:</li> <li>Recommendation:</li> </ul>	Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
· Recommended cleaning agent:	Water, if necessary with cleaning agent.

• 14.1 UN number or ID number • ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	Void
ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk accordi IMO instruments	ng to Not applicable.
Transport/Additional information:	Not dangerous according to the abov specifications.
UN "Model Regulation":	Void

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SECTION 15: Regulatory information			
<ul> <li>15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture</li> <li>No further rele</li> <li>Poisons Act</li> </ul>	evant information available.		
· Regulated explosives precursors			
None of the ingredients is listed.			
· Regulated poisons			
None of the ingredients is listed.			
· Reportable explosives precursors			
None of the ingredients is listed.			
· Reportable poisons			
CAS: 1310-73-2 sodium hydroxide 12% of total causti			
• 15.2 Chemical safety assessment: A Chemical So	afety Assessment has not been carried out.		

### **SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases	H301	Toxic if swallowed.
-	H302	Harmful if swallowed.
	H310	Fatal in contact with skin.
	H311	Toxic in contact with skin.
	H314	Causes severe skin burns and eye damage.
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H318	Causes serious eye damage.
	H319	Causes serious eye irritation.
	H330	Fatal if inhaled.
	H360D	May damage the unborn child.
	H372	Causes damage to organs through prolonged or repeated
		exposure.
	H400	Very toxic to aquatic life.
	H410	Very toxic to aquatic life with long lasting effects.
	EUH071	Corrosive to the respiratory tract.
· Department issuing data		
specification sheet:	Environi	ment protection department.
• Abbreviations and acronyms:		lement international concernant le transport des marchandises
· ····································	dangereu	ses par chemin de fer (Regulations Concerning the International
		of Dangerous Goods by Rail)
		ernational Civil Aviation Organisation ord relatif au transport international des marchandises dangereuses par
		opean Agreement Concerning the International Carriage of Dangerous
		(Contd. on page 12)



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	IMDG: International Maritime Code for Dangerous Goods
	IATA: International Air Transport Association
	GHS: Globally Harmonised System of Classification and Labelling of Chemicals
	EINECS: European Inventory of Existing Commercial Chemical Substances
	ELINCS: European List of Notified Chemical Substances
	CAS: Chemical Abstracts Service (division of the American Chemical Society)
	LC50: Lethal concentration, 50 percent
	LD50: Lethal dose, 50 percent
	PBT: Persistent, Bioaccumulative and Toxic
	vPvB: very Persistent and very Bioaccumulative
	ATE: Acute toxicity estimate values
	Acute Tox. 3: Acute toxicity – Category 3
	Acute Tox. 4: Acute toxicity – Category 4
	Acute Tox. 2: Acute toxicity – Category 2
	Skin Corr. 1: Skin corrosion/irritation – Category 1
	Skin Corr. 1B: Skin corrosion/irritation – Category 1B
	Skin Corr. 1C: Skin corrosion/irritation – Category 1C
	Skin Irrit. 2: Skin corrosion/irritation – Category 2
	Eye Dam. 1: Serious eye damage/eye irritation – Category 1
	Skin Sens. 1: Skin sensitisation – Category 1
	Skin Sens. 1A: Skin sensitisation – Category 1A
	Repr. 1B: Reproductive toxicity – Category 1B
	STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
	Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard Category 1
	Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquat hazard – Category 1
	Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquat hazard – Category 3
<sup>.</sup> * Data compared to the	
-	
previous version altered.	