

**Clean Screen Summer**

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

**1.1. Product identifier**

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

**Use of the substance/mixture**

Cleaning agent

**Uses advised against**

No information available.

**1.3. Details of the supplier of the safety data sheet**

Company name:	Vierol AG	
Street:	Karlstrasse 19	
Place:	D-26123 Oldenburg	
Telephone:	+49 (0) 441 – 210 20 – 0	Telefax: +49 (0) 441 – 210 20 –111
e-mail:	info@vierol.de	
Internet:	www.vierol.de	

**1.4. Emergency telephone number:**

Giftinformationszentrum Nord (Göttingen)  
+49 (0)551/19240

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

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

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements**

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

**Special labelling of certain mixtures**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

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### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			< 1 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
2634-33-5	1,2-benzisothiazol-3(2H)-one			< 0.1 %
	220-120-9	613-088-00-6	01-2120761540-60	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H302 H315 H318 H317 H400 H411			
5392-40-5	Citral			< 0.1 %
	226-394-6	605-019-00-3	01-2119462829-23	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317			
138-86-3	Dipentene			< 0.1 %
	205-341-0	601-029-00-7	01-2120766421-57	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H400 H410			
52-51-7	2-bromo-2-nitropropane-1,3-diol			< 0.1 %
	200-143-0	603-085-00-8	01-2119980938-15	
	Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Aquatic Acute 1; H312 H302 H315 H318 H335 H400			

Full text of H and EUH statements: see section 16.

### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
68891-38-3	500-234-8	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	< 1 %
		dermal: LD50 = >= 2000 mg/kg; oral: LD50 = 4100 mg/kg Eye Dam. 1; H318: >= 10 - 100 Eye Irrit. 2; H319: >= 5 - < 10	
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one	< 0.1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = 670 mg/kg Skin Sens. 1; H317: >= 0,05 - 100	
5392-40-5	226-394-6	Citral	< 0.1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = ca. 6800 mg/kg	
52-51-7	200-143-0	2-bromo-2-nitropropane-1,3-diol	< 0.1 %
		inhalation: LC50 = > 0,12 - < 1,14 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 211 mg/kg M akut; H400: M=10	

### Labelling for contents according to Regulation (EC) No 648/2004

< 5 % anionic surfactants, perfumes (Citral), preservation agents (2-Bromo-2-nitropropane-1,3-diol).

### Further Information

This mixture contains no substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Take off contaminated clothing and wash it before reuse.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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**After inhalation**

Provide fresh air. Call a doctor if you feel unwell.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

In case of skin irritation, consult a physician.

**After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Remove contact lenses, if present and easy to do. Continue rinsing.

**After ingestion**

Rinse mouth thoroughly with water.

Let water be drunk in little sips (dilution effect).

Do NOT induce vomiting.

In all cases of doubt, or when symptoms persist, seek medical advice.

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

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

- Foam
- Extinguishing powder
- Carbon dioxide (CO<sub>2</sub>)
- Water spray jet

**5.2. Special hazards arising from the substance or mixture**

Non-flammable. Formation of toxic gases is possible during heating or in case of fire.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. No special technical protective measures are necessary.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**General measures**

Provide adequate ventilation.

Do not breathe gas/fumes/vapour/spray.

Use personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

**6.3. Methods and material for containment and cleaning up**

**For containment**

Stop leak if safe to do so.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

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**For cleaning up**

Collect in closed and suitable containers for disposal.

Treat the recovered material as prescribed in the section on waste disposal.

Clean contaminated articles and floor according to the environmental legislation.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Use only in well-ventilated areas.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

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

**Requirements for storage rooms and vessels**

Keep container tightly closed. Keep/Store only in original container.

**Hints on joint storage**

Do not store together with: Food and feedingstuffs.

Keep away from food, drink and animal feedingstuffs.

**Further information on storage conditions**

Store in a cool dry place.

Protect against: Frost.

**7.3. Specific end use(s)**

Cleaning agent

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

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#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			
Worker DNEL, long-term	inhalation	systemic	175 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	2750 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	52 mg/m <sup>3</sup>	
Consumer DNEL, long-term	dermal	systemic	1650 mg/kg bw/day	
Consumer DNEL, long-term	oral	systemic	15 mg/kg bw/day	
2634-33-5	1,2-benzisothiazol-3(2H)-one			
Worker DNEL, long-term	inhalation	systemic	6,81 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	0,966 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	1,2 mg/m <sup>3</sup>	
Consumer DNEL, long-term	dermal	systemic	0,345 mg/kg bw/day	
5392-40-5	Citral			
Worker DNEL, long-term	inhalation	systemic	9 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	1,7 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	2,7 mg/m <sup>3</sup>	
Consumer DNEL, long-term	dermal	systemic	1 mg/kg bw/day	
Consumer DNEL, long-term	oral	systemic	0,6 mg/kg bw/day	
52-51-7	2-bromo-2-nitropropane-1,3-diol			
Worker DNEL, long-term	inhalation	systemic	3,5 mg/m <sup>3</sup>	
Worker DNEL, acute	inhalation	systemic	10,5 mg/m <sup>3</sup>	
Worker DNEL, long-term	inhalation	local	2,5 mg/m <sup>3</sup>	
Worker DNEL, acute	inhalation	local	2,5 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	2 mg/kg bw/day	
Worker DNEL, acute	dermal	systemic	6 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	0,6 mg/m <sup>3</sup>	
Consumer DNEL, acute	inhalation	systemic	1,8 mg/m <sup>3</sup>	
Consumer DNEL, acute	inhalation	local	0,6 mg/m <sup>3</sup>	
Consumer DNEL, long-term	dermal	systemic	0,7 mg/kg bw/day	
Consumer DNEL, acute	dermal	systemic	2,1 mg/kg bw/day	
Consumer DNEL, long-term	oral	systemic	0,18 mg/kg bw/day	
Consumer DNEL, acute	oral	systemic	0,5 mg/kg bw/day	

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### PNEC values

CAS No	Substance	
Environmental compartment		Value
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
Freshwater		0,24 mg/l
Freshwater (intermittent releases)		0,071 mg/l
Marine water		0,024 mg/l
Freshwater sediment		0,917 mg/kg
Marine sediment		0,092 mg/kg
Micro-organisms in sewage treatment plants (STP)		10000 mg/l
Soil		7,5 mg/kg
2634-33-5	1,2-benzisothiazol-3(2H)-one	
Freshwater		0,00403 mg/l
Freshwater (intermittent releases)		0,0011 mg/l
Marine water		0,000403 mg/l
Freshwater sediment		0,0499 mg/kg
Marine sediment		0,00499 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,03 mg/l
Soil		3 mg/kg
5392-40-5	Citral	
Freshwater		0,007 mg/l
Freshwater (intermittent releases)		0,068 mg/l
Marine water		0,001 mg/l
Freshwater sediment		0,125 mg/kg
Marine sediment		0,013 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,6 mg/l
Soil		0,021 mg/kg
52-51-7	2-bromo-2-nitropropane-1,3-diol	
Freshwater		0,01 mg/l
Freshwater (intermittent releases)		0,003 mg/l
Marine water		0,001 mg/l
Freshwater sediment		0,041 mg/kg
Marine sediment		0,003 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,43 mg/l
Soil		0,5 mg/kg

### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls



### Protective and hygiene measures

Take off contaminated clothing and wash it before reuse.

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Wash hands and face before breaks and after work and take a shower if necessary .

When using do not eat, drink, smoke, sniff. Keep away from food, drink and animal feedingstuffs.

### Eye/face protection

During filling, metering, mixing and sampling must be used:

Wear eye/face protection. DIN EN 166

### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Recommended glove articles: EN ISO 374

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material: 0,4 mm

Breakthrough times and swelling properties of the material must be taken into consideration. Breakthrough time: > 8h

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

### Skin protection

Wear suitable protective clothing.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	orange
Odour:	characteristic
Odour threshold:	not determined
pH-Value (at 20 °C):	7,0 - 8,0

### Changes in the physical state

Melting point:	not determined
Boiling point or initial boiling point and boiling range:	> 100 °C
Flash point:	not determined

### Flammability

Solid/liquid:	not applicable
Gas:	not applicable

### Explosive properties

The product is not: Explosive.

Lower explosion limits:	not determined
Upper explosion limits:	not determined

### Self-ignition temperature

Solid:	not applicable
Gas:	not applicable

Decomposition temperature:	not determined
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### Oxidizing properties

The product is not: oxidising.

Vapour pressure:	not determined
Density (at 20 °C):	0,998 g/cm³

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Water solubility: easily soluble

**Solubility in other solvents**

not determined

Partition coefficient n-octanol/water:

not determined

Relative vapour density:

not determined

Evaporation rate:

not determined

**9.2. Other information**

Solid content:

not determined

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

No known hazardous decomposition products.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No information available.

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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### Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts				
	oral	LD50 4100 mg/kg	Rat	Study report (1986)	OECD Guideline 401
	dermal	LD50 >= 2000 mg/kg	Rat	Study report (2012)	OECD Guideline 402
2634-33-5	1,2-benzisothiazol-3(2H)-one				
	oral	LD50 670 mg/kg	Rat	Study report (1988)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1994)	OECD Guideline 402
5392-40-5	Citral				
	oral	LD50 ca. 6800 mg/kg	Rat	Study report (1978)	Method: BASF-test according to internal
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1978)	internal BASF-Test: single dose group ex
52-51-7	2-bromo-2-nitropropane-1,3-diol				
	oral	LD50 211 mg/kg	Rat	Study report (2001)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (2000)	OECD Guideline 402
	inhalation (4 h) aerosol	LC50 > 0,12 - < 1,14 mg/l	Rat	Study report (2003)	OECD Guideline 403

### Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 11.2. Information on other hazards

#### Endocrine disrupting properties

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts					
	Acute fish toxicity	LC50 7,1 mg/l	96 h	Danio rerio	REACH Registration Dossier	other: EG Guideline 92/69 C.1
	Acute algae toxicity	ErC50 mg/l 27,7	72 h	Desmodesmus subspicatus	REACH Registration Dossier	other: EU-Guideline 92/69 EWG
	Acute crustacea toxicity	EC50 7,4 mg/l	48 h	Daphnia magna	REACH Registration Dossier	other: EG Guideline 92/69/EWG
	Fish toxicity	NOEC 0,2 mg/l	28 d	Oncorhynchus mykiss	REACH Registration Dossier	OECD Guideline 204
	Crustacea toxicity	NOEC mg/l 0,27	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
2634-33-5	1,2-benzisothiazol-3(2H)-one					
	Acute fish toxicity	LC50 mg/l ca. 16,7	96 h	Cyprinodon variegatus	REACH Registration Dossier	other:
	Acute algae toxicity	ErC50 mg/l 0,15	72 h	Pseudokirchneriella subcapitata	Study report (1994)	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l 2,94	48 h	Daphnia magna	Study report (1995)	OECD Guideline 202
	Acute bacteria toxicity	(13 mg/l)	3 h	activated sludge of a predominantly domestic sewage	REACH Registration Dossier	OECD Guideline 209
5392-40-5	Citral					
	Acute fish toxicity	LC50 mg/l 6,78	96 h	Leuciscus idus	Study report (1989)	other: German standard DIN 38412, part L
	Acute algae toxicity	ErC50 mg/l 103,8	72 h	Desmodesmus subspicatus	Study report (1989)	other: DIN 38412 L9
	Acute crustacea toxicity	EC50 6,8 mg/l	48 h	Daphnia magna	Study report (1988)	other: Directive 79/831 EWG, C2 annex V
	Acute bacteria toxicity	(ca. 160 mg/l)	0,5 h	activated sludge, domestic	Study report (1994)	OECD Guideline 209
52-51-7	2-bromo-2-nitropropane-1,3-diol					
	Acute fish toxicity	LC50 mg/l 35,7	96 h	Lepomis macrochirus	Study report (1984)	EPA OPP 72-1
	Acute algae toxicity	ErC50 mg/l 0,25	72 h	Skeletonema costatum	Study report (1998)	other: ISO guideline 10253 and U.S. EPA
	Acute crustacea toxicity	EC50 1,4 mg/l	48 h	Daphnia magna	Study report (1981)	OECD Guideline 202
	Fish toxicity	NOEC mg/l 21,5	49 d	Oncorhynchus mykiss	Study report (1996)	OECD Guideline 210
	Crustacea toxicity	NOEC mg/l 0,27	21 d	Daphnia magna	Study report (1992)	OECD Guideline 211
	Acute bacteria toxicity	(ca. 230 mg/l)	0,5 h	Activated sludge	Study report (2002)	OECD Guideline 209

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### 12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
52-51-7	2-bromo-2-nitropropane-1,3-diol			
	OECD 301B	>70%		

### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	0,3
2634-33-5	1,2-benzisothiazol-3(2H)-one	0,63
5392-40-5	Citral	2,76
52-51-7	2-bromo-2-nitropropane-1,3-diol	0,21

#### BCF

CAS No	Chemical name	BCF	Species	Source
2634-33-5	1,2-benzisothiazol-3(2H)-one	ca. 6,62	Lepomis macrochirus	REACH Registration D
52-51-7	2-bromo-2-nitropropane-1,3-diol	3,16	calculated value	EPIWIN calculation (

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

There are no data available on the mixture itself.

### 12.6. Endocrine disrupting properties

No information available.

### 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

#### 14.1. UN number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

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#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### EU regulatory information

2004/42/EC (VOC): 0,025 % (0,252 g/l)  
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

##### Additional information

Regulation (EC) No. 648/2004 (Detergents regulation).

##### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water  
Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,8,9,10,11,12,13,15,16.

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized 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  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
CLP: Classification, labelling and Packaging

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REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
SVHC: Substance of Very High Concern  
For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>  
VOC: Volatile Organic Compounds

**Relevant H and EUH statements (number and full text)**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*