

**Safety Data Sheet**

according to UK REACH Regulation

**Sour Shampoo**

Revision date: 01.03.2024

Product code: ZV-SS001000

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Sour Shampoo

UFI: AG10-S0H8-N00N-2PN1

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

Cleaning agent

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

Company name:	ZviZZer International GmbH	
Street:	Grube Weiß 26	
Place:	D-51429 Bergisch Gladbach	
Telephone:	+49 177 3016109	
E-mail:	info@zvizzer.com	
Contact person:	Detlef Finken	Telephone: +49 177 3016109
E-mail:	info@zvizzer.com	
Internet:	www.zvizzer.com	
Responsible Department:	Giftinformationszentrale Mainz	

**1.4. Emergency telephone number:**German & English 24h: +49 6131 19240  
Russian 24h: +74953634008**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**Skin Irrit. 2; H315  
Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**Alcohols, C12-14, ethoxylated, sulfates, sodium salts  
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

Signal word: Danger

**Pictograms:****Hazard statements**H315 Causes skin irritation.  
H318 Causes serious eye damage.**Precautionary statements**P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves and eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.

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**2.3. Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Relevant ingredients**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			5 - < 10 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.			1 - < 10 %
	287-494-3		01-2119490234-40	
	Acute Tox. 4, Skin Corr. 1C, Eye Dam. 1, Aquatic Chronic 3; H302 H314 H318 H412			
112-34-5	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether			1 - < 5 %
	203-961-6	603-096-00-8	01-2119475104-44	
	Eye Irrit. 2; H319			

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	5 - < 10 %	
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 4100 mg/kg			
85536-14-7	287-494-3	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	1 - < 10 %	
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1470 mg/kg			
112-34-5	203-961-6	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	1 - < 5 %	
	dermal: LD50 = 2764 mg/kg; oral: LD50 = > 2410 mg/kg			

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

5 % - < 15 % anionic surfactants, perfumes, preservation agents (2-Bromo-2-nitropropane-1,3-diol, 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one, LAURYLAMINE DIPROPYLENEDIAMINE, Pyridine-2-thiol 1-oxide, sodium salt).

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.

**After inhalation**

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. If experiencing respiratory symptoms: Get medical advice/attention.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

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**After ingestion**

Observe risk of aspiration if vomiting occurs. Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person or a person with cramps. Get medical advice/attention.

**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.

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

Non-flammable.

In case of fire may be liberated: Pyrolysis products, toxic.

**5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

**Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Evacuate area.

**For non-emergency personnel**

Provide adequate ventilation. Use personal protection equipment.

**For emergency responders**

Use personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

Stop leak if safe to do so. Cover drains.

**For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**Other information**

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**

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**Advice on safe handling**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

**Advice on protection against fire and explosion**

Usual measures for fire prevention.

**Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed and in a well-ventilated place.

**Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

**Further information on storage conditions**

Protect against: Heat, Frost.

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

Cleaning agent

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL
7446-09-5	Sulphur dioxide	0.5	1.3		TWA (8 h)	WEL
		1	2.7		STEL (15 min)	WEL

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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		dermal	systemic	2750 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	175 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	1650 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	52 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	15 mg/kg bw/day
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.			
Worker DNEL, long-term		inhalation	systemic	6 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	85 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,5 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	42,5 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,425 mg/kg bw/day
112-34-5	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether			
Worker DNEL, long-term		inhalation	systemic	67,5 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	67,5 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	local	101,2 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	83 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	40,5 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	local	60,7 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	40,5 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	50 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	5 mg/kg bw/day

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#### PNEC values

CAS No	Substance	Value
Environmental compartment		
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
Freshwater		0,24 mg/l
Marine water		0,024 mg/l
Freshwater sediment		5,45 mg/kg
Marine sediment		0,545 mg/kg
Micro-organisms in sewage treatment plants (STP)		10000 mg/l
Soil		0,946 mg/kg
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	
Freshwater		0,268 mg/l
Freshwater (intermittent releases)		0,0167 mg/l
Marine water		0,0268 mg/l
Freshwater sediment		8,1 mg/kg
Marine sediment		6,8 mg/kg
Micro-organisms in sewage treatment plants (STP)		3,43 mg/l
Soil		35 mg/kg
112-34-5	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	
Freshwater		1,1 mg/l
Freshwater (intermittent releases)		11 mg/l
Marine water		0,11 mg/l
Freshwater sediment		4,4 mg/kg
Marine sediment		0,44 mg/kg
Secondary poisoning		56 mg/kg
Micro-organisms in sewage treatment plants (STP)		200 mg/l
Soil		0,32 mg/kg

#### 8.2. Exposure controls



##### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Wear eye/face protection. (EN 166)

##### Hand protection

Wear suitable gloves. (EN ISO 374)

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. 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.

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**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

Respiratory protection necessary at: exceeding exposure limit values.

**Thermal hazards**

not applicable

**Environmental exposure controls**

Avoid release to the environment.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	dark pink
Odour:	fruchtig
Odour threshold:	not determined
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	(Water) 100 °C
Flammability:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not determined
Flash point:	> 61 °C
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value:	3 - 4
Viscosity / kinematic:	not determined
Water solubility:	miscible
Solubility in other solvents	not determined
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	1,06 g/cm <sup>3</sup>
Relative vapour density:	not determined
Particle characteristics:	not applicable

**9.2. Other information**

No information available.

**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 hazardous reaction when handled and stored according to provisions.

**10.4. Conditions to avoid**

Heat, Frost.

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**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Pyrolysis products, toxic.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts				
	oral	LD50 mg/kg 4100	Rat	Manufacturer	
	dermal	LD50 mg/kg > 2000	Rat	Manufacturer	
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.				
	oral	LD50 mg/kg 1470	Rat	Manufacturer	OECD 401
	dermal	LD50 mg/kg > 2000	Rat	Manufacturer	OECD 402
112-34-5	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				
	oral	LD50 mg/kg > 2410	Mouse	Manufacturer	
	dermal	LD50 mg/kg 2764	Rabbit	Manufacturer	

**Irritation and corrosivity**

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye damage.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Information on likely routes of exposure**

Eye contact, Skin contact, Inhalation, oral

**11.2. Information on other hazards**



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**Endocrine disrupting properties**

No information available.

**SECTION 12: Ecological information****12.1. Toxicity**

The product is not: Ecotoxic.

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	Piscis	Manufacturer	
	Acute algae toxicity	ErC50 7,5 mg/l	96 h	Algae	Manufacturer	
	Acute crustacea toxicity	EC50 7,4 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer	
	Algae toxicity	NOEC 0,95 mg/l	3 d	Algae	Manufacturer	OECD 201
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.					
	Acute fish toxicity	LC50 1,67 mg/l	96 h	Lepomis macrochirus (Bluegill)	Manufacturer	
	Acute algae toxicity	ErC50 47,3 mg/l	72 h	Scenedesmus subspicatus	Manufacturer	
	Acute crustacea toxicity	EC50 2,9 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer	OECD 202
	Fish toxicity	NOEC 0,63 mg/l	196 d	Pimephales promelas (fathead minnow)	Manufacturer	
	Acute bacteria toxicity	EC50 500 - 723 mg/l ( )	3 h	Toxicity to microorganisms	Manufacturer	
112-34-5	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether					
	Acute fish toxicity	LC50 1300 mg/l	96 h	Lepomis macrochirus (Bluegill)	Manufacturer	
	Acute crustacea toxicity	EC50 2850 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer	DIN 38412 / part 15
	Algae toxicity	NOEC > 100 mg/l	4 d	Desmodesmus subspicatus	Manufacturer	OECD 201

**12.2. Persistence and degradability**

The product has not been tested. The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

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CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.				
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C		> 60 %	28	Manufacturer
	Readily biodegradable (according to OECD criteria).				
	DOC reduction		96 %	28	Manufacturer
	Readily biodegradable (according to OECD criteria).				
112-34-5	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				
	OECD 301D		76 %	28	Manufacturer
	Readily biodegradable (according to OECD criteria).				
	OECD 302B		90 - 100 %	8	Manufacturer
	Readily biodegradable (according to OECD criteria).				
	OECD 301E		90 - 100 %	14	Manufacturer
	Readily biodegradable (according to OECD criteria).				

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	2,2
112-34-5	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	0,56

**BCF**

CAS No	Chemical name	BCF	Species	Source
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	2 - 1000 l/kg		OECD 305E

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**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**

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**Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

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

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No information available.

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

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

Information according to Directive 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**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information**

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**Abbreviations and acronyms**

Acute Tox: Acute toxicity  
Skin Corr: Skin corrosion  
Skin Irrit: Skin irritation  
Eye Dam: Eye damage  
Eye Irrit: Eye irritation  
Aquatic Chronic: Chronic aquatic hazard  
CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
CAS: Chemical Abstracts Service  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
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  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
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)  
IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
VOC: Volatile Organic Compounds  
SVHC: Substance of Very High Concern

**Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method

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

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of



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