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

<b>1.1 Product identifier</b> Trade name	:	Konzentrat W
1.2 Relevant identified uses of	the s	ubstance or mixture and uses advised against
Use of the Sub- stance/Mixture	:	Water-borne coatings
Recommended restrictions on use	:	within adequate application - none
1.3 Details of the supplier of the s	afety	data sheet
Company		Alligator Farbwerke GmbH Markstraße 203 32130 Enger
Telephone	:	+4952249300
Telefax	:	+4952247881
E-mail address Responsi- ble/issuing person	:	produktsicherheit@alligator.de
1.4 Emergency telephone		
Emergency telephone 1	:	+49613284463 GBK GmbH
SECTION 2: Hazards identifi	catio	n .

# **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)Skin sensitization, Category 1H317: May cause an allergic skin reaction.

## 2.2 Label elements

#### Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:		
Signal Word	:	Warnir	ng
Hazard Statements	:	H317	May cause an allergic skin reaction.



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Precau	utionary Statements	: label at hand	dical advice is needed, have product container or o out of reach of children.
		Prevention:	
			ot get in eyes, on skin, or on clothing. r protective gloves/ eye protection.
		Response:	
		P302 + P352 water.	IF ON SKIN: Wash with plenty of soap and
Цоток	douc ingradiante whi	ah muat ha liata	d on the lebel.

#### Hazardous ingredients which must be listed on the label:

1,2-benzisothiazol-3(2H)-one

2-methylisothiazol-3(2H)-one

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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

#### 3.2 Mixtures

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Chemical nature

: Primer based on polyacrylate hydrosol, aqueous

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 Acute Tox. 2; H330 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	>= 0,025 - < 0,05



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			specific concentration limit Skin Sens. 1; H317 >= 0,05 %
2-met	thylisothiazol-3(2H)-one	2682-20-4 220-239-6 613-326-00 01-2120764	
methy	on mass of 5-chloro-2- yl-2H-isothiazol-3-one an yl-2H-isothiazol-3-one (3:		



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			specific concentration limit Skin Corr. 1C; H314 >= $0,6\%$ Skin Irrit. 2; H315 0,06 - < 0,6% Eye Irrit. 2; H319 0,06 - < 0,6% Skin Sens. 1A; H317 >= $0,0015\%$ Eye Dam. 1; H318 >= $0,6\%$

For explanation of abbreviations see section 16.

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

#### 4.1 Description of first-aid measures

General advice	:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Move out of dangerous area. First aider needs to protect himself.
If inhaled	:	Move to fresh air.
In case of skin contact	:	Do NOT use solvents or thinners. In case of contact, immediately flush skin with soap and plenty of water.
In case of eye contact	:	If eye irritation persists: Get medical advice/ attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If swallowed	:	Seek medical advice. Clean mouth with water and drink afterwards plenty of water. If swallowed, DO NOT induce vomiting.

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

None known.

# **4.3 Indication of any immediate medical attention and special treatment needed** Treatment : No information available.



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## **SECTION 5: Firefighting measures**

5.1 Extinguishing media		
Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or car- bon dioxide. Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
5.2 Special hazards arising from	the	e substance or mixture
Specific hazards during fire fighting	:	In case of fire hazardous decomposition products may be produced such as: Carbon monoxide, carbon dioxide and unburned hydrocar- bons (smoke).
5.3 Advice for firefighters		
Special protective equipment for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if nec- essary.
Further information	:	Standard procedure for chemical fires. The product itself does not burn.

# **SECTION 6: Accidental release measures**

# 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	<ul> <li>Use protective shoes or boots with rough rubber sole.</li> <li>Material can create slippery conditions.</li> <li>Do not get in eyes, on skin, or on clothing.</li> </ul>
6.2 Environmental precautions	

Environmental precautions	:	Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform
		respective authorities. Do not flush into surface water or sanitary sewer system.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Keep in suitable, closed containers for disposal.
		Soak up with inert absorbent material (e.g. sand, silica gel,
		acid binder, universal binder, sawdust).



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## 6.4 Reference to other sections

For further information see Section 7 of the safety data sheet. ,For personal protection see section 8.,For disposal considerations see section 13.

# **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

Advice on safe handling :	For personal protection see section 8. No special technical protective measures required.
	In addition, the current technical information for this product and its application on www.alligator.de/en must be observed.
Hygiene measures :	Wash hands before eating, drinking, or smoking. Do not eat, drink or smoke when using this product.
Conditions for safe storage, inc	luding any incompatibilities
Requirements for storage : areas and containers	Perishable if frozen. To maintain product quality, do not store in heat or direct sunlight. Store at room temperature in the

		original container. Containers which are opened must be care- fully resealed and kept upright to prevent leakage.	
Advice on common storage	:	Keep away from oxidizing agents and strongly acid or alkaline materials.	
Storage class (TRGS 510)	:	12, Non Combustible Liquids	

#### 7.3 Specific end use(s)

7.2

Specific use(s)	:	This information is not available.
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#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

Personal protective equipn	nent	
Eye protection	:	German trade association rules - BGR 192 Eye protection
		Goggles
Hand protection		
Material	:	Nitrile rubber
Glove thickness	:	0,2 mm
Protective index	:	Class 3



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Re	emarks	Wear suitabl	ving gloves clean them with soap and water. e gloves tested to EN374. e association leaflet: Carry gloves (ZH 1/706)
Skin a	and body protection	: Safety shoes Long sleeved	
		•	r protection according to the amount and con- the dangerous substance at the work place.
		Skin should	be washed after contact.
			wash contaminated clothing before re-use. application: impervious clothing
Respi	ratory protection	: No personal quired.	respiratory protective equipment normally re-
		German trad tion	e association rules - BGR 190 Breathing protec-
			application: Do not breathe spray dust. Use nation filter for paint spraying.

# **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Color	:	transparent
Odor	:	No data available
Odor Threshold	:	Not relevant
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	not determined
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Flash point	:	Not applicable



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	Autoig	nition temperature	:	not determined	
	Decom	nposition temperature	:	Not applicable	
	рН		:	7,5 Concentration: 1	00 %
	Viscos Vis	ity cosity, dynamic	:	No data availabl	e
		lity(ies) ter solubility	:	completely misc	ble
		on coefficient: n- I/water	:	not determined	
	Vapor	pressure	:	not determined	
	Relativ	ve density	:	not determined	
	Densit	у	:	1,0200 g/cm3	
	Relativ	ve vapor density	:	not determined	
	<b>Other i</b> Explos	nformation ives	:	Not applicable	
	Oxidizi	ing properties	:	Not applicable	
	Flamm	ability (liquids)	:	The product is n	ot flammable.
	Evapo	ration rate	:	Not applicable	

# **SECTION 10: Stability and reactivity**

## 10.1 Reactivity

No decomposition if stored and applied as directed.

## 10.2 Chemical stability

No decomposition if stored and applied as directed.

## 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

## 10.4 Conditions to avoid



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Condi	itions to avoid	: Protect from t	frost, heat and sunlight.
	npatible materials ials to avoid	•	with acids and bases. with oxidizing agents.
10.6 Haza	rdous decomposition	products	

No decomposition if stored and applied as directed.

## **SECTION 11: Toxicological information**

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

Acute toxicity	
Product:	
Acute oral toxicity :	Remarks: Based on available data, the classification criteria are not met.
Acute inhalation toxicity :	Remarks: Based on available data, the classification criteria are not met.
Acute dermal toxicity :	Remarks: Based on available data, the classification criteria are not met.
Components:	
1,2-benzisothiazol-3(2H)-one:	
Acute oral toxicity :	LD50 (Rat): 532 mg/kg
Acute inhalation toxicity :	LC50 (Rat): 0,4 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity :	LD50 (Rat): > 2.000 mg/kg
2-methylisothiazol-3(2H)-one:	
Acute oral toxicity :	LD50 (Rat): 120 mg/kg
Acute inhalation toxicity :	LC50 (Rat): 0,145 mg/l Exposure time: 4 h Test atmosphere: dust/mist
reaction mass of 5-chloro-2-m (3:1):	ethyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one

Acute oral toxicity : LD50 (Rat): 66 mg/kg



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			Method: OE	CD Test Guideline 401
Acute	inhalation toxicity	:		
Acute	Acute dermal toxicity		LD50 (Rat): Method: OE	> 141 mg/kg CD Test Guideline 402
Skin	corrosion/irritation			
Prod	uct:			
Rema	arks	:		o the classification criteria of the European Union, is not considered as being a skin irritant.
Serio	ous eye damage/eye irr	ritati	on	
Prod	uct:			
Rema	arks	:		o the classification criteria of the European Union is not considered as being an eye irritant.
Resp	iratory or skin sensitiz	zatic	n	
Prod	uct:			
Rema	arks	:	Causes sen	sitization.
1.2 Infor	mation on other hazar	ds		
ECTION	N 12: Ecological info	rma	tion	
2.1 Toxic	city			
Prod	uct:			
	ity to fish	:	Remarks: N	lo data available
	ity to daphnia and other tic invertebrates	:	Remarks: N	o data available
Com	ponents:			
1,2-b	enzisothiazol-3(2H)-or	ne:		
	ity to fish	:	Exposure tir	orhynchus mykiss (rainbow trout)): 2,2 mg/l me: 96 h CD Test Guideline 203



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	ity to daphnia and other tic invertebrates	:	EC50 (Daphnia): 3,27 mg/l Exposure time: 48 h Method: OECD Test Guideline 202	
Toxicity to algae/aquatic plants		:	EC50 (Selenastrum capricornutum (green algae)): 0,11 mg/l Exposure time: 72 h Method: OECD Test Guideline 201	
M-Fa icity)	ctor (Acute aquatic tox-	:	1	
M-Fa toxici	ctor (Chronic aquatic ty)	:	1	
2-me	thylisothiazol-3(2H)-or	e:		
	ctor (Acute aquatic tox-	:	10	
M-Fa toxici	ctor (Chronic aquatic ty)	:	1	
react (3:1):		?-me	thyl-2H-isothiazo	ol-3-one and 2-methyl-2H-isothiazol-3-one
M-Fa icity)	ctor (Acute aquatic tox-	:	100	
M-Fa toxici	ctor (Chronic aquatic ty)	:	100	
	<b>istence and degradabi</b> ata available	lity		
12.3 Bioa	ccumulative potential			
<u>Com</u>	ponents:			
react (3:1):		2-me	thyl-2H-isothiazo	ol-3-one and 2-methyl-2H-isothiazol-3-one
	ion coefficient: n- nol/water	:	log Pow: <= 0,71 Method: OECD	Fest Guideline 117
	<b>ility in soil</b> ata available			
	ults of PBT and vPvB a	sse	ssment	
12.5 Resu				
12.5 Resu <u>Prod</u>				



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			r persistent, bioaccumulative and toxic (PBT), or stent and very bioaccumulative (vPvB) at levels of gher.		
	ocrine disrupting prop ata available	perties			
12.7 Othe	er adverse effects				
Prod	luct:				
	Additional ecological infor- mation		An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.		
SECTIO	N 13: Disposal cons	siderations			
13.1 Was	te treatment methods	5			
Prod	uct	: .			
		Waste sho	uld not be disposed of via wastewater.		
Conta	aminated packaging	: Only comp cling.	letely emptied containers should be given for recy-		
Wast	Waste Code :		used product		

# in 08 01 11\*

080112, waste paint and varnish other than those mentioned

## **SECTION 14: Transport information**

#### 14.1 UN number or ID number

Not regulated as a dangerous good

## 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

:

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Remarks

Not classified as dangerous in the meaning of transport regulations.



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## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

# **SECTION 15: Regulatory information**

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

REACH - Restrictions on the method the market and use of certain of preparations and articles (Annoted Strength	langerous substances,	: Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
REACH - Candidate List of Sul Concern for Authorization (Arti		: This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be gener- ated.
REACH - List of substances su (Annex XIV)	bject to authorisation	: None
Seveso III: Directive 2012/18/E pean Parliament and of the Co control of major-accident haza dangerous substances.	uncil on the	Not applicable
Water hazard class (Germa- ny)		r endangering ing to AwSV, Annex 1 (5.2)
Product code for laquers and paints / Giscode	: M-GF01 Water-based	d primers, colourless
	: BSW20 Coating mate	erials, water-based
Volatile organic compounds	: Directive 2004/42/EC < 1 % < 1 g/l	

#### Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

# **15.2 Chemical Safety Assessment**

A Chemical Safety Assessment is not required for this mixture.



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# **SECTION 16: Other information**

Full text of H-Statements		
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.
H330	:	Fatal if inhaled.
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.
EUH071	:	Corrosive to the respiratory tract.

#### Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Dam.	:	Serious eye damage
Skin Corr.	:	Skin corrosion
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitization

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AllC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with % response; ELX - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; ICS0 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Convention of the Prevention of Pollution from Ships; cn.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIOC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous G

#### Further information

#### Other information:

No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.



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# Sources of key data used to compile the Material Safety Data Sheet:

ECHA WebSite

ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs. Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH NIOSH - Registry of toxic effects of chemical substances ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,

Commission of the European Communities

SAX'S - Dangerous properties of industrial materials

GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)

Toxnet - Toxicology Data Network

Classification of the m	ixture:	Classification procedure:
Skin Sens. 1	H317	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### **REACH Information**

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

DE / EN