

Version	Revision Date:	Print Date	Date of last issue: -
1.0	06.09.2021	15.09.2021	Date of first issue: 06.09.2021

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

1.1	Product identifier Trade name :	Miropan-Grundiermittel
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 safety Company :	v data sheet Alligator Farbwerke GmbH Markstraße 203 32130 Enger
	Telefax :	+4952249300 +4952247881 produktsicherheit@alligator.de
1.4	Emergency telephone Emergency telephone 1 :	+49613284463 GBK GmbH

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Precautionary Statements		P101 If medical advice is needed, have product container or
Flecautionary Statements	: label :	label at hand.
		P102 Keep out of reach of children.

Additional Labeling

EUH208

Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2Hisothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.



Version	Revision Date:	Print Date	Date of last issue: -
1.0	06.09.2021	15.09.2021	Date of first issue: 06.09.2021

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Primer based on polyacrylate hydrosol, aqueous

Components

Chemical name	CAS-No.	Classification	Concentration
Chemical hame	EC-No.	Classification	(% w/w)
	Index-No.		(70 00/00)
1,2-benzisothiazol-3(2H)-one	Registration number 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 specific concentration limit Skin Sens. 1; H317 >= 0,05 %	>= 0,025 - < 0,05
reaction mass of 5-chloro-2-	55965-84-9	Acute Tox. 3; H301	>= 0,0002 - <



Version 1.0	Revision Date: 06.09.2021	Print Date 15.09.2021		ast issue: - irst issue: 06.09.2021	
	/l-2H-isothiazol-3-one /l-2H-isothiazol-3-one	(3:1) 613-167-	00-5 64691-48 Sł Ad H4 Ad H4 EU Mi ad Mi ad Sł O, Sł O, Sł Sł O, Sł Ey Sł	cute Tox. 2; H330 cute Tox. 2; H310 kin Corr. 1C; H314 ye Dam. 1; H318 kin Sens. 1A; H317 quatic Acute 1; 400 quatic Chronic 1; 410 UH071 -Factor (Acute quatic toxicity): 100 -Factor (Chronic quatic toxicity): 1	0,0015

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measure	ure	S
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.



Version 1.0	Revision Date: 06.09.2021		int Date .09.2021	Date of last issue: - Date of first issue: 06.09.2021	
In case of eye contact		:	IF IN EYES:	n persists: Get medical advice/ attention. Rinse cautiously with water for several minutes. tact lenses, if present and easy to do. Continue	
If swallowed		:	Seek medical advice. Clean mouth with water and drink afterwards plenty of water. If swallowed, DO NOT induce vomiting.		
	i mportant symptoms a known.	nd e	effects, both a	acute and delayed	
4.3 Indica	tion of any immediate	mee	dical attention	n and special treatment needed	
Treat	ment	:	No information	on available.	
5.1 Exting	N 5: Firefighting mea guishing media ble extinguishing media			oray, alcohol-resistant foam, dry chemical or car-	
5.1 Extinç Suita	guishing media ble extinguishing media		Use water sp bon dioxide. Use extingui cumstances	shing measures that are appropriate to local cir- and the surrounding environment.	
5.1 Exting Suita	guishing media ble extinguishing media itable extinguishing		Use water sp bon dioxide. Use extingui	shing measures that are appropriate to local cir- and the surrounding environment.	
5.1 Exting Suita Unsu media	guishing media ble extinguishing media itable extinguishing	:	Use water sp bon dioxide. Use extingui cumstances None known	shing measures that are appropriate to local cir- and the surrounding environment.	
5.1 Exting Suita Unsu media 5.2 Speci	guishing media ble extinguishing media itable extinguishing a al hazards arising fron ific hazards during fire	:	Use water sp bon dioxide. Use extingui cumstances None known e substance of In case of fir produced su	shing measures that are appropriate to local cir- and the surrounding environment.	
5.1 Exting Suita Unsu media 5.2 Speci Spec fightin	guishing media ble extinguishing media itable extinguishing a al hazards arising fron ific hazards during fire	: :	Use water sp bon dioxide. Use extingui cumstances None known e substance of In case of fir produced su Carbon mon	shing measures that are appropriate to local cir- and the surrounding environment.	
 5.1 Exting Suita Unsu media 5.2 Speci Spec fightin 5.3 Advic Spec 	guishing media ble extinguishing media itable extinguishing a al hazards arising fron ific hazards during fire	: : :	Use water sp bon dioxide. Use extingui cumstances None known e substance of In case of fire produced su Carbon mon bons (smoke	shing measures that are appropriate to local cir- and the surrounding environment.	

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
 - Personal precautions : Use protective shoes or boots with rough rubber sole.



Miropa	Miropan-Grundiermittel					
Version 1.0	Revision Date: 06.09.2021	Print Date 15.09.2021	Date of last issue: - Date of first issue: 06.09.2021			
			create slippery conditions. eyes, on skin, or on clothing.			
6.2 Enviro	nmental precautions					
		If the product respective au	er leakage or spillage if safe to do so. contaminates rivers and lakes or drains inform thorities. nto surface water or sanitary sewer system.			
6.3 Metho	ds and material for co	ontainment and cle	eaning up			
Metho	ods for cleaning up	Soak up with	ble, closed containers for disposal. inert absorbent material (e.g. sand, silica gel, iniversal binder, sawdust).			

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.
7.2	Conditions for safe storage, ir	nclu	uding 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)		
	Specific use(s)	:	This information is not available.



Version	Revision Date:	Print Date	Date of last issue: -
1.0	06.09.2021	15.09.2021	Date of first issue: 06.09.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment				
Eye protection	:	German trade association rules - BGR 192 Eye protection		
		Goggles		
Hand protection Material Glove thickness Protective index	:	Nitrile rubber 0,2 mm Class 3		
Remarks	:	Before removing gloves clean them with soap and water. Wear suitable gloves tested to EN374. German trade association leaflet: Carry gloves (ZH 1/706)		
Skin and body protection	:	Safety shoes Long sleeved clothing		
		Choose body protection according to the amount and con- centration of the dangerous substance at the work place.		
		Skin should be washed after contact.		
Respiratory protection	:	No personal respiratory protective equipment normally re- quired.		
		German trade association rules - BGR 190 Breathing protec- tion		
		During spray application: Do not breathe spray dust. Use A2/P2 combination 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



Versie 1.0	on	Revision Date: 06.09.2021		nt Date 09.2021	Date of last issue: - Date of first issue: 06.09.2021
	-				
(Odor T	hreshold	:	Not relevant	
ſ	Melting	point/freezing point	:	not determined	
E	Boiling	point/boiling range	:	not determined	
		explosion limit / Upper ability limit	:	not determined	
		explosion limit / Lower ability limit	:	not determined	
F	Flash p	point	:	Not applicable	
A	Autoigr	nition temperature	:	not determined	
Γ	Decom	position temperature	:	Not applicable	
ŗ	рН		:	7,5 Concentration: 1	00 %
١	Viscosi Visc	ty cosity, dynamic	:	No data availabl	e
ŝ	Solubili Wat	ity(ies) er solubility	:	completely misci	ble
	Partitio octanol	n coefficient: n- l/water	:	not determined	
١	Vapor p	oressure	:	not determined	
F	Relativ	e density	:	not determined	
[Density	/	:	1,0150 g/cm3	
F	Relativ	e vapor density	:	not determined	
9.2 O)ther ir	nformation			
E	Explosi	ives	:	Not applicable	
(Oxidizi	ng properties	:	Not applicable	
F	Flamm	ability (liquids)	:	The product is n	ot flammable.
E	Evapor	ation rate	:	Not applicable	



Version	Revision Date:	Print Date	Date of last issue: -
1.0	06.09.2021	15.09.2021	Date of first issue: 06.09.2021

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.
Tiazai uous reactions	no decomposition il stored and applied as directed.

10.4 Conditions to avoid

10.5 Incompatible materials

Materials to avoid	:	Incompatible with acids and bases.
		Incompatible with oxidizing agents.

10.6 Hazardous 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	<u>.</u>	
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
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Miropa	n-Grundiermitt	e			
Version 1.0	Revision Date: 06.09.2021	Print Date 15.09.2021	Date of last issue: - Date of first issue: 06.09.2021		
Acute	e dermal toxicity	: LD50 (R	at): > 2.000 mg/kg		
react (3:1):		-2-methyl-2H-i	sothiazol-3-one and 2-methyl-2H-isothiazol-3-one		
. ,	oral toxicity		at): 66 mg/kg OECD Test Guideline 401		
Acute	inhalation toxicity	Exposur Test atm	LC50 (Rat): 0,17 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403		
Acute	dermal toxicity		at): > 141 mg/kg OECD Test Guideline 402		
Skin	corrosion/irritation				
<u>Prod</u> Rema			g to the classification criteria of the European Union, uct is not considered as being a skin irritant.		
Serio	us eye damage/eye i	rritation			
<u>Prod</u> Rema			: According to the classification criteria of the European Unio the product is not considered as being an eye irritant.		
Resp	iratory or skin sensi	ization			
<u>Prod</u> Rema			Repeated contact may cause allergic reactions in very sus- ceptible persons.		
11.2 Infor	mation on other haza	ırds			
Endo	crine disrupting pro	perties			
<u>Prod</u> e Asses	u <u>ct:</u> ssment	ered to h REACH (EU) 201	stance/mixture does not contain components consid- have endocrine disrupting properties according to Article 57(f) or Commission Delegated regulation 7/2100 or Commission Regulation (EU) 2018/605 at 0.1% or higher.		



Version	Revision Date:	Print Date	Date of last issue: -
1.0	06.09.2021	15.09.2021	Date of first issue: 06.09.2021

SECTION 12: Ecological information

12.1 Toxicity

Product:		
Toxicity to fish	:	Remarks: No data available
Toxicity to daphnia and other aquatic invertebrates	:	Remarks: No data available
Components:		
1,2-benzisothiazol-3(2H)-one	:	
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 2,2 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic 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-Factor (Acute aquatic tox- icity)	:	1
M-Factor (Chronic aquatic toxicity)	:	1
reaction mass of 5-chloro-2-ı (3:1):	me	ethyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one

M-Factor (Acute aquatic tox- : 100 icity)

M-Factor (Chronic aquatic : 100 toxicity)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Components:

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



Version 1.0	Revision Date: 06.09.2021		Date 9.2021	Date of last issue: - Date of first issue: 06.09.2021
Partition coefficient: n- octanol/water			og Pow: <= /lethod: OE	0,71 CD Test Guideline 117
	ility in soil ata available			
12.5 Resu	ults of PBT and vPvB	assess	ment	
<mark>Prod</mark> Asse	uct: ssment	te V	be either	nce/mixture contains no components considered persistent, bioaccumulative and toxic (PBT), or ent and very bioaccumulative (vPvB) at levels of ner.
12.6 Endo	ocrine disrupting prop	erties		
Prod	uct:			
Asse	ssment	e F (red to hav REACH Art EU) 2017/2	nce/mixture does not contain components consid- e endocrine disrupting properties according to cle 57(f) or Commission Delegated regulation 2100 or Commission Regulation (EU) 2018/605 at % or higher.
12.7 Othe	er adverse effects			
<u>Prod</u> Addit matic	ional ecological infor-			nental hazard cannot be excluded in the event of nal handling or disposal.
SECTION	N 13: Disposal cons	iderati	ons	
13.1 Wast	te treatment methods			
Produ	uct	: .		
		V	Vaste shou	ld not be disposed of via wastewater.
Conta	aminated packaging		: Only completely emptied containers should be given for recy cling.	
Wast	e Code	: used product		



VersionRevision Date:Print DateDate of last issue: -1.006.09.202115.09.2021Date of first issue: 06.09.2021	
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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.

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 manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	:	Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).	:	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.
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	None



Version	Revision Date:	Print Date	Date of last issue: -
1.0	06.09.2021	15.09.2021	Date of first issue: 06.09.2021

Seveso III: Directive 2012/18/ pean Parliament and of the Co control of major-accident haza dangerous substances.	ouncil on the	
Water hazard class (Germa- ny)	: 1 slightly water endangering Classification according to AwSV, Annex 1 (5.2	2)
Product code for laquers and paints / Giscode	: M-GF01 Water-based primers, colourless	
	: BSW20 Coating materials, water-based	
Volatile organic compounds	: Directive 2004/42/EC < 0.1 % < 1 g/l	

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

SECTION 16: Other information

Full text of H-Statements

Skin Corr.

Skin Sens.

Skin Irrit.

H301 H302 H310 H314 H315 H317 H318 H330 H400		Toxic if swallowed. Harmful if swallowed. Fatal in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Fatal if inhaled. Very toxic to aquatic life.		
H410 H411 EUH071	:	Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. Corrosive to the respiratory tract.		
Full text of other abbreviations				
Acute Tox. Aquatic Acute Aquatic Chronic Eye Dam.	:	Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage		

Skin corrosion

Skin sensitization

Skin irritation

:

:

:



Version	Revision Date:	Print Date	Date of last issue: -
1.0	06.09.2021	15.09.2021	Date of first issue: 06.09.2021

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; AIIC - 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; IC50 - Half maximal inhibitory concentration; ICAO - International Code for the Constructration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concenration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention of Pollution from Ships; n.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; PPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; ICCS - Pultipapines Inventory; OPPTS - Office of Chemical Safety and Pol

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.

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

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.



Version	Revision Date:	Print Date	Date of last issue: -
1.0	06.09.2021	15.09.2021	Date of first issue: 06.09.2021

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