#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 070, 50 ml Marabu-Textil plus 070, 50 ml

Version: 5/GB

Date revised: 06.08.2015

Substance number: 171505070

Replaces Version: 4 / GB

Print date: 09.08.15

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

# 1.1. Product identifier

Marabu-Textil plus 070, 50 ml Marabu-Textil plus 070, 50 ml

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

#### Use of the substance/preparation

Paint

SU21

PC9a

#### Identified Uses

Consumer uses: Private households (= general public = consumers) Coatings and paints, thinners, paint removers

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

#### Address

Marabu GmbH & Co. ł Asperger Strasse 4 71732 Tamm	<g< th=""></g<>
Germany	
Telephone no.	+49-7141/691-0
Fax no.	+49-7141/691-147
Information provided	Department product safety
by / telephone	
E-mail address of	PRSI@marabu.de
person responsible	
for this SDS	

#### 1.4. Emergency telephone number

(+49) (0)621-60-43333

# SECTION 2: Hazards identification \*\*\*

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

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

#### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

#### 2.3. Other hazards

No special hazards have to be mentioned.

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

#### 3.2. Mixtures

#### **Chemical characterization**

Paint based on acrylic resins and on water

Hazardous ingredients \*\*\*

#### Bronopol (INN)

CAS No.	52-51-7
EINECS no.	200-143-0

<ul> <li>4.1. Description of first aid measures After skin contact Wash with plenty of water and soap. Do NOT use solvents or thinners. After eye contact Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist. After ingestion Rinse mouth thoroughly with water. If larger amounts are swallowed or in the event of symptoms take medical treatment. 4.2. Most important symptoms and effects, both acute and delayed Until now no symptoms known so far. 4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / treatment Treat symptomatically</li></ul>	rade name: Marabu-Textil p		Version	5/GB			Marabi Date revised: 06.08.2015
Classification (Regulation (EC) No. 1272/2008) Eye Dam. 1 Skin Irrit. 2 Acute Tox. 4 Aquatic Acute 1 Aquatic Acute 1 Aquatic Acute 1 Aquatic Acute 1 H400 Aquatic Acute 1 H400 M = 10 Pyrithione zine Aquatic Acute 1 H400 Aquatic Acute 1 H400 Acute Tox. 3 Acute Tox. 3 Acute Tox. 3 Acute Tox. 3 H301 Acute Tox. 3 Acute Tox. 3 H301 Acute Tox. 3 Acute Tox. 3 H301 Acute Tox. 3 H301 Acute Tox. 3 H301 Acute Tox. 3 H301 Acute Tox. 3 Acute Tox. 4 Acute Tox. 3 Acute Tox. 4 Acute Tox. 4	Substance number: 1715050	70	Replace	s Versior	n: 4/GB		Print date: 09.08.15
System 1 H318 Skin Irrit. 2 H315 STOT SE 3 H335 Acute Tox. 4 H310 Aquatic Acute 1 Tex. 4 H310 Aquatic Acute 1 H400 Aquatic chronic 2 H411 Concentration limits (Regulation (EC) No. 1272/2008) Aquatic Acute 1 H400 M = 10 Pyrithione zinc CAS No. 13463-41-7 EINECS no. 236-671-3 Registration no. 01-2119511196-46 Concentration >= 0,01 < 0,025 % Classification (Regulation (EC) No. 1272/2008) Acute Tox. 3 H331 Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 Concentration (Regulation (EC) No. 1272/2008) Acute Tox. 3 H331 Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 Concentration limits (Regulation (EC) No. 1272/2008) Aquatic Acute 1 H400 Aquatic Acute 1 H400	Concentration	>=	0,01	<	0,1	%	
Aquatic Acute 1       H400       M = 10         Pyrithione zinc       CAS No.       13463-41-7         EINECS no.       236-671-3         Registration no.       01-2119511196-46         Concentration       >=       0.01<	Classification (Regu	Eye Dam. 1 Skin Irrit. 2 STOT SE 3 Acute Tox. 4 Acute Tox. 4 Aquatic Acu	l l te 1	H318 H315 H335 H302 H312 H400			
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CAS No.       13463-41-7         EINECS no.       236-671-3         Registration no.       01-2119511196-46         Concentration       >=       0,01 <	Pyrithione zinc	Aquatic Acu	ien H40	IVI =	= 10		
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<ul> <li>After ingestion         Rinse mouth thoroughly with water. If larger amounts are swallowed or in the event of symptoms take medical treatment.     </li> <li>4.2. Most important symptoms and effects, both acute and delayed         Until now no symptoms known so far.     </li> <li>4.3. Indication of any immediate medical attention and special treatment needed         Hints for the physician / treatment         Treat symptomatically     </li> </ul>	After eye contact						
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<ul> <li>medical treatment.</li> <li>4.2. Most important symptoms and effects, both acute and delayed Until now no symptoms known so far.</li> <li>4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / treatment Treat symptomatically</li> </ul>	After ingestion						
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Hints for the physician / treatment				both a	cute an	d delaye	d
Treat symptomatically	4.3. Indication of any i	mmediate m	edical at	tention	and sp	ecial trea	atment needed
			nt				
SECTION 5: Firefighting measures	Treat symptomatica	lly					
	SECTION 5: Firefigh	<u>nting meas</u>	ures				
	-	-					
Suitable extinguishing media	Carbon dioxide, Foa	am Sand Wate	r				

Carbon dioxide, Foam, Sand, Water

#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 070, 50 ml Marabu-Textil plus 070, 50 ml

Version: 5 / GB

Marabu Date revised: 06.08.2015

Substance number: 171505070

Replaces Version: 4 / GB

Print date: 09.08.15

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

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2); dense black smoke; Nitrogen oxides (NOx)

#### 5.3. Advice for firefighters

#### Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

# SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures No particular measures required.

#### 6.2. Environmental precautions

No particular measures required.

6.3. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents.

#### 6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

# SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Advice on safe handling

Avoid skin and eye contact. Smoking, eating and drinking shall be prohibited in application area. Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels Store in frostfree conditions.

# 7.3. Specific end use(s)

Paint

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

#### 8.1. Control parameters

#### Other information

There are not known any further control parameters.

# 8.2. Exposure controls

#### Exposure controls

Provide adequate ventilation.

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

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

Form Colour liquid coloured

rade name: Marabu-Textil plus 070, 50 Substance number: 171505070	Ve	ou-Textil p rsion: 5 / places Ve	GB			Mara Date revised: 06.08.201 Print date: 09.08.1
				47 00		1 mil date. 00.00.1
Odour	odourles	SS				
Odour threshold						
Remarks	No data	available				
pH value						
Value		7	to	9		
Temperature Method	WTW P	20 H 340	°C			
Melting point						
Remarks	not dete	rmined				
Freezing point						
Remarks	not dete	rmined				
Initial boiling point and boiling						
Value		100			°C	
Pressure		1.013	hPa		U	
Source	Literatur	e value				
Flash point						
Remarks	Not app	licable				
Evaporation rate (ether = 1) :						
Remarks	not dete	rmined				
Flammability (solid, gas) Not applicable						
Upper/lower flammability or	explosive	limits				
Remarks	not dete					
Vapour pressure						
Value		23			hPa	
Temperature		20	°C			
Method	value ta	aken from	the lite	erature		
Vapour density Remarks	not dete	rooin o d				
	not dete	mineu				
<b>Density</b> Value		1 1			g/om3	
Temperature		1,4 20	°C		g/cm³	
Method		ISO 2811	-			
Solubility in water						
Remarks	miscible	•				
Ignition temperature						
Remarks	not dete	rmined				
Viscosity						
dynamic						
Value		10000	to	25000	mPa.s	
Temperature Method	Brookfie	20 eld	°C			
9.2. Other information						
Other information						
None known						

#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 070, 50 ml Marabu-Textil plus 070, 50 ml

Version: 5/GB

Substance number: 171505070

Replaces Version: 4 / GB

Marabu Date revised: 06.08.2015

Print date: 09.08.15

# 10.1. Reactivity

None

# 10.2. Chemical stability

No hazardous reactions known.

- **10.3. Possibility of hazardous reactions** No hazardous reactions known.
- **10.4. Conditions to avoid** No hazardous reactions known.
- 10.5. Incompatible materials None

### **10.6.** Hazardous decomposition products

No hazardous decomposition products known.

# **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

#### Aspiration hazard

No special hazards have to be mentioned.

#### **Experience in practice**

Provided all the recommended protective and safety precautions are taken, experience shows that no risk to health can be expected.

#### Other information

There are no data available on the mixture itself.

The mixture has been assessed following the additivity method of the CLP Regulation (EC) No 1272/2008 and not classified.

# SECTION 12: Ecological information

#### 12.1. Toxicity

#### **General information**

There are no data available on the mixture itself.Do not allow to enter drains or water courses.The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment.

#### 12.2. Persistence and degradability

#### **General information**

There are no data available on the mixture itself.

#### 12.3. Bioaccumulative potential

#### General information

There are no data available on the mixture itself.

#### 12.4. Mobility in soil

#### **General information**

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment General information

#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 070, 50 ml Marabu-Textil plus 070, 50 ml

Version: 5 / GB

Substance number: 171505070

Replaces Version: 4 / GB

Marabu Date revised: 06.08.2015

Print date: 09.08.15

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There are no data available on the mixture itself.

# 12.6. Other adverse effects

#### General information

There are no data available on the mixture itself.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### **Disposal recommendations for the product**

The product can be placed with other household refuse. Small residues in containers can be washed-out with water and put into the drainage system.

#### **Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off as product waste. Completely emptied packagings can be given for recycling.

# **SECTION 14: Transport information**

# Land transport ADR/RID

Land transport ADR/RID	
Non-dangerous goods	
14.1. UN number	
UN -	
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
Class -	
Label -	
14.4. Packing group	
Packing group -	
14.5. Environmental hazards	
-	
Marine transport IMDG/GGVSee	
The product does not constitute a hazardous substance in sea transport.	
14.1. UN number	
UN -	
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
Class -	
Subsidiary risk -	
14.4. Packing group	
Packing group -	
14.5. Environmental hazards	
no	
10	
Air transport ICAO/IATA	
The product does not constitute a hazardous substance in air transport.	
14.1. UN number	
UN -	
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
Class -	
Subsidiary risk -	
14.4. Packing group	

Item Numbers: 01256-1009

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MSDS for #01256 - MARABU TEXT Safety data sheet in accordance v		C) No 190	7/2006			
-		-				$\overline{\mathbf{N}}$
Frade name: Marabu-Textil plus 07		Textil plus on: 5/GB		I	Date revised: 06.0	Marabi 08.2015
Substance number: 171505070	Repla	ices Versio	on: 4/GB		Print date: 0	9.08.15
Packing group 14.5. Environmental hazard	- IS					
Information for all modes of 14.6. Special precautions for Transport within the user's Always transport in closed Ensure that persons trans	<b>or user</b> s premises: I containers that ar				an accident or spillage	
Other information 14.7. Transport in bulk acco no	ording to Annex I	l of MARF	OL73/78 a	and the IBC	Code	
SECTION 15: Regulator	y informatio	<u>n</u>				
15.1. Safety, health and envolve or mixture	vironmental re	gulatior	s/legisla	ation spec	ific for the substa	ince
VOC						
VOC (EU)	0	%	0	g/l		
Other information The product does not cont	-			0		
		very high	concern (S	SVHC)		
		very high	concern (S	SVHC).		
15.2. Chemical safety asse	ssment					
<b>15.2. Chemical safety asse</b> For this preparation a che	ssment					
<b>15.2. Chemical safety asse</b> For this preparation a che	<b>ssment</b> mical safety asses					
<b>15.2. Chemical safety asse</b> For this preparation a che	<b>ssment</b> mical safety asses <u>rmation</u>					
15.2. Chemical safety asse For this preparation a che SECTION 16: Other info	<b>ssment</b> mical safety asses <u>rmation</u>	sment has				
15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H301 H302	ssment mical safety asses <u>rmation</u> I <b>in Chapter 3</b> Toxic if swallor Harmful if swa	sment has wed. llowed.	not been			
15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H301 H302 H312	ssment mical safety asses rmation I in Chapter 3 Toxic if swallor Harmful if swa Harmful in con	sment has wed. llowed. ntact with s	not been			
15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H301 H302 H312 H315	ssment mical safety asses rmation I in Chapter 3 Toxic if swallor Harmful if swa Harmful in con Causes skin ir	sment has wed. llowed. ntact with s ritation.	not been kin.			
15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H301 H302 H312 H315 H318	ssment mical safety asses rmation in Chapter 3 Toxic if swallor Harmful if swa Harmful in con Causes skin ir Causes seriou	wed. llowed. ntact with s ritation. is eye dam	not been kin.			
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15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H301 H302 H312 H315 H318 H331 H335 H400 H410	ssment mical safety asses <u>rmation</u> I <b>in Chapter 3</b> Toxic if swallor Harmful if swa Harmful in con Causes skin ir Causes seriou Toxic if inhaled May cause res Very toxic to a Very toxic to a	wed. Ilowed. Itact with s ritation. Is eye dam d. spiratory ir quatic life. quatic life.	kin. hage. ritation.	carried out. asting effects	5.	
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MSDS for #01256 - MARABU TEXTL PLUS       Page 1         Safety data sheet in accordance with regulation (EC) No 1907/2006       Trade name: Marabu-Textli plus 070, 50 ml Version: 5 / GB       Date revised: 06.08.2015         Substance number:       171505070       Replaces Version: 4 / GB       Print date: 09.08.15         construed as any guarantee of technical performance or suitability for particular applications.       The product should not be used for purposes other than those shown in Section 1 without first referring to the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuing that the requirements of relevant legislation are compiled with.         The specific conditions of use of the product are outside the supplier's control, the user's own assessment of workplace risks, as required by other health and safety legislation.	Safety data sheet in accordance with regulation (EC) No 1907/2006         Trade name: Marabu-Textil plus 070, 50 ml Marabu-Textil plus 070, 50 ml         Version: 5 / GB       Date revised: 06.08.2015         Substance number: 171505070       Replaces Version: 4 / GB       Print date: 09.08.15         construed as any guarantee of technical performance or suitability for particular applications.       The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.         As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.         The information contained in this safety data sheet does not constitute the user's own assessment of
Trade name: Marabu-Textil plus 070, 50 ml       Marabu-Textil plus 070, 50 ml       Marabu-Textil plus 070, 50 ml         Version: 5 / GB       Date revised: 06.08.2015         Substance number: 171505070       Replaces Version: 4 / GB       Print date: 09.08.15         construed as any guarantee of technical performance or suitability for particular applications.       Print date: 09.08.15         construed as any guarantee of technical performance or suitability for particular applications.       As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.         The information contained in this safety data sheet does not constitute the user's own assessment of	Trade name: Marabu-Textil plus 070, 50 ml Marabu-Textil plus 070, 50 ml       Version: 5 / GB       Date revised: 06.08.2015         Substance number: 171505070       Replaces Version: 4 / GB       Print date: 09.08.15         construed as any guarantee of technical performance or suitability for particular applications. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet does not constitute the user's own assessment of
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### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 073, 50 ml Marabu-Textil plus 073, 50 ml

Version: 5/GB

Date revised: 09.07.2015

Substance number: 171505073

Replaces Version: 4 / GB

Print date: 13.07.15

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

# 1.1. Product identifier

Marabu-Textil plus 073, 50 ml Marabu-Textil plus 073, 50 ml

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

#### Use of the substance/preparation

Paint

SU21

PC9a

Identified Uses

Consumer uses: Private households (= general public = consumers) Coatings and paints, thinners, paint removers

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

#### Address

Marabu GmbH & Co. K Asperger Strasse 4 71732 Tamm Germany	G
Telephone no.	+49-7141/691-0
Fax no. Information provided	+49-7141/691-147 Department product safety
by / telephone	Department product salety
E-mail address of	PRSI@marabu.de
person responsible for this SDS	

## 1.4. Emergency telephone number

(+49) (0)621-60-43333

# SECTION 2: Hazards identification \*\*\*

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

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

#### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

#### 2.3. Other hazards

No special hazards have to be mentioned.

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

#### 3.2. Mixtures

#### **Chemical characterization**

Paint based on acrylic resins and on water

# Hazardous ingredients \*\*\*

#### Poly(oxy-1,2-ethanediyl),a-phenyl-w-hydroxy-, styrenated

CAS No.	104376-75-2			
Concentration	>= 1	<	10	%

MSDS for #01256 - MARABU					Page 10 1
Safety data sheet in accorda		No 1907/	2006		
Trade name: Marabu-Textil pl	us 073, 50 ml Marabu-Te	xtil plus 07	'3, 50 ml		Marabu
	Version				Date revised: 09.07.2015
Substance number: 17150507	3 Replace	s Version:	4 / GB		Print date: 13.07.15
Classification (Regul	ation (EC) No. 1272/2008) Aquatic Chronic 3	H412			
2,2'-Oxybisethanol					
CAS No.	111-46-6				
EINECS no. Registration no.	203-872-2 01-2119457857-21				
Concentration	>= 1	<	10	%	
	- (FO) N= 4070/0000				
Classification (Regul	ation (EC) No. 1272/2008) Acute Tox. 4	H302			
	STOT RE 2	H373			
SECTION 4: First aid	Imeasures				
4.1. Description of first					
After skin contact	alu measures				
	water and soap. Do NOT ι	ise solven	ts or thini	ners.	
After eye contact	sh the ever therewahly wi	th water (1	5 min ) I	n casa of i	ritation consult an oculist.
After ingestion	Ish the eyes thoroughly wi	in water (	5 mm.). 1	in case of i	mation consult an oculist.
-	hly with water. If larger an	nounts are	swallow	ed or in the	event of symptoms take
<b>4.2. Most important syn</b> Until now no sympton	-	both ac	ute and	d delayed	1
4.3. Indication of any ir	nmediate medical at	tention	and spe	ecial trea	tment needed
Hints for the physici	an / treatment		-		
	-				
SECTION 5: Firefigh					
5.1. Extinguishing med					
Suitable extinguishi Carbon dioxide, Foa	-				
5.2. Special hazards ar In the event of fire th black smoke					oon monoxide (CO); dense
5.3. Advice for firefight	ers				
Other information					
	l fire-fighting water separa	tely, must	not be di	scharged ir	nto the drains.
SECTION 6: Accider	ital release measu	ures			
6.1. Personal precautic No particular measur	•••••••••••••••••••••••••••••••••••••••	ment ar	nd emei	rgency p	rocedures
6.2. Environmental pre No particular measur					
-	·				

Safety data sheet in accordance with regulation (EC) No 1907/2006 Trade name: Marabu-Textil plus 073, 50 ml Marabu-Textil plus 073, 50 ml Version: 5 / GB Substance number: 171505073 Replaces Version: 4 / GB Print date: 13.07.15 Clean preferably with a detergent - avoid use of solvents. Clean preferably detergent - avoid use of solvents. Clean preferably detergent - avoid use of solvents. Clean preferably detergent - avoid solvents.	MSDS for #01256 - MARABU TEXTIL	PLUS			Page 4	
Version: 5 / GB     Date revised: 09.07.2015       Substance number: 171505073     Replaces Version: 4 / GB     Print date: 13.07.15       6.3. Methods and material for containment and cleaning up Clean prelerably with a detergent - avoid use of solvents.     6.4.       6.4. Reference to other sections Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.     5.1.       SECTION 7: Handling and storage Advice on safe handling Advice on safe handling Advice on protection against fire and explosion No special measures required.     7.1.       Requirements for storage, including any incompatibilities Requirements for storage rooms and vessels Store in frostfree conditions.       Section 8: Exposure controls/personal protection No special measures required.       Section 8: Exposure controls/personal protection No special measures required.       Store in frostfree conditions.       Section 8: Exposure controls/personal protection Using and branched chain alkanes, >=C7 List Etydosure limit values 2.2'-Oxybisethanol List Et+40 Value 101 mg/m <sup>3</sup> 23 ppm(V)       Status: 2011       Normal and branched chain alkanes, >=C7 List Etydosure limit value: ppm       Value 800 mg/m <sup>3</sup> List HTP       Value 800 mg/m <sup>3</sup> List HTP       Solve for information       There are not known any further control parameters.       Derived No/Mini	Safety data sheet in accordance with	h regulation	(EC) No 1907/2	2006		
6.3. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents. 6.4. Reference to other sections Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13. SECTION 7: Handling and Storage 7.1. Precautions for safe handling Avoid skin and eye contact. Smoking, eating and drinking shall be prohibited in application area. Advice on safe handling Avoid skin and eye contact. Smoking, eating and drinking shall be prohibited in application area. Advice on protection against fire and explosion No special measures required. 7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels Store in frostfree conditions. 7.3. Specific end use(s) Paint SECTION 8: Exposure controls/personal protection 8.1. Control parameters Exposure limit values 2.2'Oxybisethanol List EH40 Yalue 101 mg/m <sup>3</sup> 23 ppm(V) Status: 2011 Normal and branched chain alkanes, >=C7 List EH40 Value 101 mg/m <sup>3</sup> Ust HTP Value 100 mg/m <sup>3</sup> List HTP Value 100 mg/m <sup>3</sup> Cycloalkanes, >=C7 List EH40 Value 100 mg/m <sup>3</sup> List HTP Value 100 mg/m <sup>3</sup> List 900 ppm(V) Maximum limit value: ppm Other information There are not known any further control parameters. Derived No/Minimal Effect Levels (DNEL/DMEL) 2.2'Oxybisethanol List 00 Writer Puration of exposure inhalative Dorived No Minimal Effect Level (DNEL) Reference group Worker Puration of exposure inhalative Mode of action Local effects	Trade name: Marabu-Textil plus 073,			3, 50 ml	Date revised: 09.07.2	Marabu 2015
Clean preferably with a detergent - avoid use of solvents. 6.4. Reference to other sections Information regarding Safe handling see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13. SECTION 7: Handling and storage 7.1. Precautions for safe handling Advice on safe handling Advice on safe handling Advice on safe handling Advice on safe storage, and drinking shall be prohibited in application area. Advice on protection against fire and explosion No special measures required. 7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels Store in frostfree conditions. 7.3. Specific end use(s) Paint SECTION 8: Exposure controls/personal protection 8.1. Control parameters Exposure limit values 2.2-Oxybisethanol List EH40 Type WEL Value 101 mg/m <sup>3</sup> 23 ppm(V) Status: 2011 Normal and branched chain alkares, >=C7 List EH40 Value 200 mg/m <sup>3</sup> List HTP Value 100 mg/m <sup>3</sup> List HTP Value 100 mg/m <sup>3</sup> Cycloalkanes, >=C7 List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit 1200 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short tern exposure limit List List HTP Value 900 ppm(V) Short tern exposure limit	Substance number: 171505073	Re	places Version:	4 / GB	Print date: 13.07	7.15
SECTION 7: Handling and storage 7.1. Precautions for safe handling Advice on safe handling. Advice on protection against fire and explosion No special measures required. 7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels Store in frostfree conditions. 7.3. Specific end use(s) Paint SECTION 8: Exposure controls/personal protection 8.1. Control parameters Exposure limit values 2.2 <sup>-</sup> Oxybisethanol List EH40 Type WEL Value 101 mg/m <sup>3</sup> 23 ppm(V) Status: 2011 Normal and branched chain alkanes, >=C7 List EH40 Value 1200 mg/m <sup>3</sup> Cycloalkanes, >=C7 List EH40 Value 1200 mg/m <sup>3</sup> List HTP 900 ppm(V) Short tern exposure limit List HTP 900 ppm(V) Short tern exposure limit 1200 Maximum limit value: ppm Other information There are not known any further control parameters. Derived N/Minimal Effect Levels (DNEL/DMEL) 2.2 <sup>-</sup> Oxybisethanol List HTP 900 ppm(V) Short tern exposure limit 1200 Maximum limit value: ppm	Clean preferably with a deter 6.4. Reference to other section Information regarding Safe has	gent - avoid <b>ons</b> andling, see	use of solvents. Section 7. Inform	mation regarding p	ersonal protective measures	5,
7.1. Precautions for safe handling Advice on safe handling Avoid skin and eye contact. Smoking, eating and drinking shall be prohibited in application area. Advice on protection against fire and explosion No special measures required. 7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels Store in frostfree conditions. 7.3. Specific end use(s) Paint SECTION 8: Exposure controls/personal protection 8.1. Control parameters Exposure limit values 2.2-Oxybisethanol List EH40 Type WEL Value 101 mg/m <sup>3</sup> 23 ppm(V) Status: 2011 Normal and branched chain alkanes, >=C7 List EH40 Value 1200 mg/m <sup>3</sup> Cycloalkanes, >=C7 List EH40 Value 800 mg/m <sup>3</sup> Cycloalkanes, >=C7 List EH40 Value 800 mg/m <sup>3</sup> Cycloalkanes, >=C7 List EH40 Value 900 ppm(V) Short term exposure limit 1200 Maximum limit value: ppm There are not known any further control parameters. Derived No/Minimal Effect Levels (DNEL/DMEL) 2.2-Oxybisethanol Type of value Derived No Effect Level (DNEL) Reference group Worker Duration of exposure Long term Route of exposure inhalative Mode of action						
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Type       WEL         Value       101       mg/m³       23       ppm(V)         Status: 2011       Normal and branched chain alkanes, >=C7            List       EH40       value       1200       mg/m³           Value       1200       mg/m³             Value       1200       mg/m³ <td< td=""><td>SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values</td><td><u>ntrols/pe</u></td><td>rsonal pro</td><td><u>tection</u></td><td></td><td></td></td<>	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values	<u>ntrols/pe</u>	rsonal pro	<u>tection</u>		
Value       101       mg/m³       23       ppm(V)         Status: 2011       Normal and branched chain alkames, >=C7	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol		rsonal pro	<u>tection</u>		
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Cycloalkanes, >=C7       List       EH40         Value       800       mg/m³         List       HTP       900       ppm(V)         Value       1200       maximum limit value: ppm       1200         Other information         There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         2,2'-Oxybisethanol       Type of value       Derived No Effect Level (DNEL)         Reference group       Worker       Duration of exposure       Long term         Route of exposure       inhalative       Mode of action       Local effects	SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011	EH40 WEL 101	mg/m³		ppm(V)	
List EH40 Value 800 mg/m <sup>3</sup> List HTP Value 900 ppm(V) Short term exposure limit 1200 Maximum limit value: ppm Other information There are not known any further control parameters. Derived No/Minimal Effect Levels (DNEL/DMEL) 2,2'-Oxybisethanol Type of value Derived No Effect Level (DNEL) Reference group Worker Duration of exposure Long term Route of exposure inhalative Mode of action Local effects	SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List	EH40 WEL 101 alkanes, >=0 EH40	mg/m³ C7		ppm(V)	
Value       800       mg/m³         List       HTP         Value       900       ppm(V)         Short term exposure limit       1200         Maximum limit value: ppm       1200         Other information         There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         2,2'-Oxybisethanol       Type of value         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Local effects	SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value	EH40 WEL 101 alkanes, >=0 EH40	mg/m³ C7		ppm(V)	
List HTP Value 900 ppm(V) Short term exposure limit 1200 Maximum limit value: ppm Other information There are not known any further control parameters. Derived No/Minimal Effect Levels (DNEL/DMEL) 2,2'-Oxybisethanol Type of value Derived No Effect Level (DNEL) Reference group Worker Duration of exposure Long term Route of exposure inhalative Mode of action Local effects	SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7	EH40 WEL 101 alkanes, >=0 EH40 1200	mg/m³ C7		ppm(V)	
Short term exposure limit       1200         Maximum limit value: ppm       1200         Other information         There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         2,2'-Oxybisethanol         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Local effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40	mg/m³ C7 mg/m³		ppm(V)	
Maximum limit value: ppm         Other information         There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         2,2'-Oxybisethanol         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Local effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³		ppm(V)	
Other information         There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         2,2'-Oxybisethanol       Derived No Effect Level (DNEL)         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Local effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³	23		
There are not known any further control parameters.         Derived No/Minimal Effect Levels (DNEL/DMEL)         2,2'-Oxybisethanol       Derived No Effect Level (DNEL)         Type of value       Derived No Effect Level (DNEL)         Reference group       Worker         Duration of exposure       Long term         Route of exposure       inhalative         Mode of action       Local effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³ mg/m³	23 900		
Derived No/Minimal Effect Levels (DNEL/DMEL)         2,2'-Oxybisethanol	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³ mg/m³	23 900		
2,2'-OxybisethanolType of valueDerived No Effect Level (DNEL)Reference groupWorkerDuration of exposureLong termRoute of exposureinhalativeMode of actionLocal effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200	23 900		
Type of valueDerived No Effect Level (DNEL)Reference groupWorkerDuration of exposureLong termRoute of exposureinhalativeMode of actionLocal effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 1200 parameters.	23 900		
Reference groupWorkerDuration of exposureLong termRoute of exposureinhalativeMode of actionLocal effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 1200 parameters.	23 900		
Duration of exposureLong termRoute of exposureinhalativeMode of actionLocal effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 barameters. EL/DMEL)	23 900		
Route of exposureinhalativeMode of actionLocal effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol Type of value	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP ther control p Levels (DN	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 barameters. EL/DMEL)	23 900		
Mode of action Local effects	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol Type of value Reference group	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP ther control p Levels (DN Derived Worker	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 parameters. EL/DMEL) No Effect Level	23 900		
	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP ther control p Levels (DN Derived Worker Long ter	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 parameters. EL/DMEL) No Effect Level	23 900		
	SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol Type of value Reference group Duration of exposure Route of exposure	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP ther control p Levels (DN Derived Worker Long ter inhalativ	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 Parameters. EL/DMEL) No Effect Level	23 900		

de name: Marabu-Textil plus 073	, 50 ml Marabu-Textil plus 073, 50 ml Version: 5 / GB	Maral Date revised: 09.07.201
ostance number: 171505073	Replaces Version: 4 / GB	Print date: 13.07.1
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	106	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	12	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	53	mg/kg/d
Predicted No Effect Conce	entration (PNEC)	
2,2'-Oxybisethanol		
Type of value	PNEC	
Туре	Freshwater	
Concentration	10	mg/l
Type of value	PNEC	
Туре	Saltwater	
Concentration	1	mg/l
Concentration		
	PNEC	
Type of value Type	PNEC Water (intermittent release)	
Type of value	-	mg/l
Type of value Type Concentration Type of value	Water (intermittent release) 10 PNEC	mg/l
Type of value Type Concentration Type of value Type	Water (intermittent release) 10	-
Type of value Type Concentration Type of value	Water (intermittent release) 10 PNEC	mg/l mg/l
Type of value Type Concentration Type of value Type	Water (intermittent release) 10 PNEC Sewage treatment plant (STP)	-
Type of value Type Concentration Type of value Type Concentration Type of value Type	Water (intermittent release) 10 PNEC Sewage treatment plant (STP) 199,5	mg/l
Type of value Type Concentration Type of value Type Concentration Type of value	Water (intermittent release) 10 PNEC Sewage treatment plant (STP) 199,5 PNEC	-
Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value	Water (intermittent release) 10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC	mg/l
Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type	Water (intermittent release) 10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC Marine sediment	mg/l mg/kg
Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value	Water (intermittent release) 10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC	mg/l
Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type	Water (intermittent release) 10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC Marine sediment	mg/l mg/kg
Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type	Water (intermittent release) 10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC Marine sediment 2,09	mg/l mg/kg mg/kg
Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value	Water (intermittent release) 10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC Marine sediment 2,09 PNEC	mg/l mg/kg

SDS for #01256 - MARABU TEXTIL	. PLUS				Page 12
fety data sheet in accordance wi	th regulation (EC) N	lo 1907/2	2006		
ade name: Marabu-Textil plus 073,		•	3, 50 ml		Marat Date revised: 09.07.201
	Version:				
bstance number: 171505073	Replaces	Version:	4 / GB		Print date: 13.07.1
ECTION 9: Physical and	chemical pro	pertie	S		
.1. Information on basic phy		ical pro	operties		
Form	liquid				
Colour Odour	coloured odourless				
	odouness				
Odour threshold		1.			
Remarks	No data availat	bie			
pH value	~	4 -	0		
Value Temperature	7 20	to °C	9		
Method	WTW PH 340	U			
Melting point					
Remarks	not determined				
Freezing point					
Remarks	not determined				
Initial boiling point and bo					
Value	appr. 100			°C	
Pressure	1.013	hPa		C	
Source	Literature value				
Flash point					
Remarks	Not applicable				
Evaporation rate (ether = 1					
Remarks	, not determined				
Flammability (solid, gas)					
Not applicable					
Upper/lower flammability of	or explosive limits				
Remarks	not determined				
Vapour pressure					
Value	appr. 23			hPa	
Temperature	20	°C		a	
Method	Value taken fro	om the lite	erature		
Vapour density					
Remarks	not determined				
Density					
Value	1,220			g/cm³	
Temperature	20	°C			
Method	DIN EN ISO 28	11			
Solubility in water					
Remarks	miscible				
Ignition temperature					
Remarks	not determined				
Viscosity					
dynamic					
Value	10000	to	25000	mPa.s	
Temperature	20	°C			

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Safety data sheet in accordance with		
Trade name: Marabu-Textil plus 073, 5	0 ml Marabu-Textil plus 073, 50 ml Version: 5 / GB	Date revised: 09.07.2
Substance number: 171505073	Replaces Version: 4 / GB	Print date: 13.0
9.2. Other information Other information None known		
<b>SECTION 10: Stability and</b>	reactivity	
10.1. Reactivity None		
<b>10.2. Chemical stability</b> No hazardous reactions known	n.	
<b>10.3. Possibility of hazardous</b> No hazardous reactions known		
<b>10.4. Conditions to avoid</b> No hazardous reactions known	n.	
10.5. Incompatible materials None		
<b>10.6. Hazardous decompositio</b> No hazardous decomposition		
SECTION 11: Toxicologica	<u>l information</u>	
11.1. Information on toxicolog	ical effects	
Acute oral toxicity		
	> 2.000 mg/k calculated value (Regulation (EC) No. 1272	
Experience in practice		
Provided all the recommended risk to health can be expected	l protective and safety precautions are take	n, experience shows that no
Other information		
There are no data available or The mixture has been assesse 1272/2008 and not classified.	n the mixture itself. ed following the additivity method of the CLF	P Regulation (EC) No
<b>SECTION 12: Ecological in</b>	<u>formation</u>	
12.1. Toxicity		
General information		
There are no data available or	the mixture itself.Do not allow to enter drai	ins or water courses.The

There are no data available on the mixture itself.Do not allow to enter drains or water courses.The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details.

#### 12.2. Persistence and degradability

#### **General information**

There are no data available on the mixture itself.

#### 12.3. Bioaccumulative potential

**General information** 



e revised: 09.07.2015

Print date: 13.07.15

#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 073, 50 ml Marabu-Textil plus 073, 50 ml

Version: 5/GB

Substance number: 171505073

Replaces Version: 4 / GB

Marabu Date revised: 09.07.2015

Print date: 13.07.15

There are no data available on the mixture itself.

#### 12.4. Mobility in soil

#### General information

There are no data available on the mixture itself.

# 12.5. Results of PBT and vPvB assessment

#### General information

There are no data available on the mixture itself.

#### 12.6. Other adverse effects

#### General information

There are no data available on the mixture itself.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### **Disposal recommendations for the product**

The product can be placed with other household refuse. Small residues in containers can be washed-out with water and put into the drainage system.

#### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste. Completely emptied packagings can be given for recycling.

# **SECTION 14: Transport information**

#### Land transport ADR/RID

Non-dangerous goods

14.1. UN number

# 14.2. UN proper shipping name

- - **14.3. Transport hazard class(es)** Class Label
- 14.4. Packing group
- Packing group
- 14.5. Environmental hazards

#### Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

#### 14.1. UN number UN -

14.2. UN proper shipping name

#### -14.3. Transport hazard class(es) Class Subsidiary risk 14.4. Packing group Packing group 14.5. Environmental hazards

no

#### Air transport ICAO/IATA



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-		
rade name: Marabu-Textil plus 07	3, 50 ml Marabu-Textil plus 073, 50 ml Version: 5 / GB	Date revised: 09.07.2015
ubstance number: 171505073	Replaces Version: 4 / GB	Print date: 13.07.15
The product does not cons	stitute a hazardous substance in air transport.	
14.1. UN number UN -		
14.2. UN proper shipping na	ame	
14.3. Transport hazard clas Class	s(es)	
Subsidiary risk	-	
14.4. Packing group Packing group		
14.5. Environmental hazard	ls	
Information for all modes of		
14.6. Special precautions fo		
Transport within the user's	s premises: I containers that are upright and secure.	
	porting the product know what to do in the ever	nt of an accident or spillage.
Other information	anding to Annov II of MADDOL 72/79 and the	
no	ording to Annex II of MARPOL73/78 and the	IBC Code
10		
SECTION 15: Regulator	y information ***	
15.1. Safety, health and en	<u>y information ***</u> vironmental regulations/legislation s	pecific for the substance
15.1. Safety, health and en or mixture		pecific for the substance
15.1. Safety, health and en or mixture VOC ***	vironmental regulations/legislation s	pecific for the substance
15.1. Safety, health and en or mixture VOC *** VOC (EU)		pecific for the substance
15.1. Safety, health and en or mixture VOC *** VOC (EU) Other information	vironmental regulations/legislation s	pecific for the substance
15.1. Safety, health and end or mixture VOC *** VOC (EU) Other information The product does not cont	vironmental regulations/legislation s 9,51 % 116,1 g/l tain substances of very high concern (SVHC).	pecific for the substance
15.1. Safety, health and end or mixture VOC *** VOC (EU) Other information The product does not cont 15.2. Chemical safety asse	vironmental regulations/legislation s 9,51 % 116,1 g/l tain substances of very high concern (SVHC).	-
15.1. Safety, health and end or mixture VOC *** VOC (EU) Other information The product does not cont 15.2. Chemical safety asse For this preparation a che	vironmental regulations/legislation s 9,51 % 116,1 g/l tain substances of very high concern (SVHC). ssment mical safety assessment has not been carried o	-
15.1. Safety, health and end or mixture VOC *** VOC (EU) Other information The product does not cont 15.2. Chemical safety asse For this preparation a che	vironmental regulations/legislation s 9,51 % 116,1 g/l tain substances of very high concern (SVHC). ssment mical safety assessment has not been carried o	-
15.1. Safety, health and end or mixture VOC *** VOC (EU) Other information The product does not cont 15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H302	vironmental regulations/legislation s 9,51 % 116,1 g/l tain substances of very high concern (SVHC). ssment mical safety assessment has not been carried o <u>rmation</u> I in Chapter 3 Harmful if swallowed.	but.
15.1. Safety, health and envoir mixture VOC *** VOC (EU) Other information The product does not cont 15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H302 H373	vironmental regulations/legislation s 9,51 % 116,1 g/l tain substances of very high concern (SVHC). ssment mical safety assessment has not been carried o rmation I in Chapter 3 Harmful if swallowed. May cause damage to organs through profe	but.
15.1. Safety, health and envoir mixture VOC **** VOC (EU) Other information The product does not cont 15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H302 H373 H412	vironmental regulations/legislation s 9,51 % 116,1 g/l tain substances of very high concern (SVHC). ssment mical safety assessment has not been carried o rmation I in Chapter 3 Harmful if swallowed. May cause damage to organs through prok Harmful to aquatic life with long lasting effe	but.
15.1. Safety, health and envolved or mixture VOC **** VOC (EU) Other information The product does not contended 15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H302 H373 H412 CLP categories listed in	9,51       %       116,1       g/l         tain substances of very high concern (SVHC).         ssment         mical safety assessment has not been carried of         rmation         I in Chapter 3         Harmful if swallowed.         May cause damage to organs through prole         Harmful to aquatic life with long lasting effe         Chapter 3	but.
15.1. Safety, health and end or mixture VOC *** VOC (EU) Other information The product does not cont 15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H302 H373 H412	vironmental regulations/legislation s 9,51 % 116,1 g/l tain substances of very high concern (SVHC). ssment mical safety assessment has not been carried o rmation I in Chapter 3 Harmful if swallowed. May cause damage to organs through prok Harmful to aquatic life with long lasting effe	but. Dute or repeated exposure: cts.
15.1. Safety, health and end or mixture VOC *** VOC (EU) Other information The product does not cont 15.2. Chemical safety asse For this preparation a che SECTION 16: Other info Hazard statements listed H302 H373 H412 CLP categories listed in Acute Tox. 4	9,51       %       116,1       g/l         tain substances of very high concern (SVHC).         ssment         mical safety assessment has not been carried of         rmation         I in Chapter 3         Harmful if swallowed.         May cause damage to organs through prole         Harmful to aquatic life with long lasting effe         Chapter 3         Acute toxicity, Category 4	but. Duged or repeated exposure: cts. Dunic, Category 3
15.1. Safety, health and envolved or mixture VOC *** VOC (EU) Other information The product does not contended of the product does not con	9,51       % 116,1       g/l         tain substances of very high concern (SVHC).         ssment         mical safety assessment has not been carried of         rmation         I in Chapter 3         Harmful if swallowed.         May cause damage to organs through prole         Harmful to aquatic life with long lasting effe         Chapter 3         Acute toxicity, Category 4         Hazardous to the aquatic environment, chrospecific target organ toxicity - repeated exp	but. Duged or repeated exposure: cts. Dunic, Category 3
15.1. Safety, health and envolved or mixture VOC **** VOC (EU) Other information The product does not contended of the product does not contend of the product does no	9,51       % 116,1       g/l         tain substances of very high concern (SVHC).         ssment         mical safety assessment has not been carried of         rmation         I in Chapter 3         Harmful if swallowed.         May cause damage to organs through prote         Harmful to aquatic life with long lasting effe         Chapter 3         Acute toxicity, Category 4         Hazardous to the aquatic environment, chrispecific target organ toxicity - repeated exponent         red with the previous version of the safety data	but. Dut. Dute or repeated exposure: cts. Dute, Category 3 Dosure, Category 2 Sheet are marked with: ***
15.1. Safety, health and envolved or mixture VOC *** VOC (EU) Other information The product does not contended of the product does not contend of the product does not	9,51       %       116,1       g/l         tain substances of very high concern (SVHC).         ssment         mical safety assessment has not been carried of         rmation         I in Chapter 3         Harmful if swallowed.         May cause damage to organs through protection         Harmful to aquatic life with long lasting effection         Chapter 3         Acute toxicity, Category 4         Hazardous to the aquatic environment, chrospecific target organ toxicity - repeated exponent         red with the previous version of the safety data on our present state of knowledge. However, it	but. Dut. Dute or repeated exposure: cts. Dute of the optimization
<ul> <li>15.1. Safety, health and envolved mixture</li> <li>VOC ***</li> <li>VOC (EU)</li> <li>Other information <ul> <li>The product does not contend</li> </ul> </li> <li>15.2. Chemical safety asses</li> <li>For this preparation a chemical safety asses</li> <li>For this preparation assessing the safety asses</li> <li>For this preparation assessing the safety assessi</li></ul>	9,51       % 116,1       g/l         tain substances of very high concern (SVHC).         ssment         mical safety assessment has not been carried of         rmation         I in Chapter 3         Harmful if swallowed.         May cause damage to organs through prote         Harmful to aquatic life with long lasting effe         Chapter 3         Acute toxicity, Category 4         Hazardous to the aquatic environment, chrispecific target organ toxicity - repeated exponent         red with the previous version of the safety data	but. Dut. Dut. Dut. Dut. Dut. Dut. Dut. D
<ul> <li>15.1. Safety, health and envolved mixture</li> <li>VOC ***</li> <li>VOC (EU)</li> <li>Other information <ul> <li>The product does not content</li> </ul> </li> <li>15.2. Chemical safety asses</li> <li>For this preparation a che</li> </ul> <li>5ECTION 16: Other info</li> <li>Hazard statements listed <ul> <li>H302</li> <li>H373</li> <li>H412</li> </ul> </li> <li>CLP categories listed in the Acute Tox. 4 <ul> <li>Aquatic Chronic 3</li> <li>STOT RE 2</li> </ul> </li> <li>Supplemental information <ul> <li>Relevant changes comparising the information is based of guarantee for any specific The information in this Sat legislation.</li> </ul></li>	9,51       %       116,1       g/l         tain substances of very high concern (SVHC).         ssment         mical safety assessment has not been carried of <b>rmation</b> I in Chapter 3         Harmful if swallowed.         May cause damage to organs through prote         Harmful to aquatic life with long lasting effer         Chapter 3         Acute toxicity, Category 4         Hazardous to the aquatic environment, chrispecific target organ toxicity - repeated exponent         red with the previous version of the safety data on our present state of knowledge. However, it is product properties and shall not establish a legifiety Data Sheet is based on the present state of	but. Dut. Dut. Dut. Dut. Duc. Category 3 Dosure, Category 3 Dosure, Category 2 Sheet are marked with: *** Should not constitute a Jally valid relationship. f knowledge and current
<ul> <li>15.1. Safety, health and entropression or mixture</li> <li>VOC ***</li> <li>VOC (EU)</li> <li>Other information <ul> <li>The product does not content</li> </ul> </li> <li>15.2. Chemical safety asses <ul> <li>For this preparation a che</li> </ul> </li> <li>5ECTION 16: Other info</li> <li>Hazard statements listed <ul> <li>H302</li> <li>H373</li> <li>H412</li> </ul> </li> <li>CLP categories listed in the Acute Tox. 4 <ul> <li>Aquatic Chronic 3</li> <li>STOT RE 2</li> </ul> </li> <li>Supplemental information <ul> <li>Relevant changes compare This information is based guarantee for any specific The information.</li> <li>It provides guidance on he construed as any guarantee for any gu</li></ul></li></ul>	9,51       %       116,1       g/l         tain substances of very high concern (SVHC).         ssment         mical safety assessment has not been carried of         rmation         I in Chapter 3         Harmful if swallowed.         May cause damage to organs through protection         Harmful to aquatic life with long lasting effection         Chapter 3         Acute toxicity, Category 4         Hazardous to the aquatic environment, chrospecific target organ toxicity - repeated exponent         red with the previous version of the safety data on our present state of knowledge. However, it is product properties and shall not establish a leg	but. Donged or repeated exposure: cts. Donic, Category 3 Doosure, Category 2 sheet are marked with: *** should not constitute a jally valid relationship. f knowledge and current product and should not be ticular applications.

SDS for #01256 - MARABU TEXTIL PLUS afety data sheet in accordance with regu		Page 43-	
ade name: Marabu-Textil plus 073, 50 ml		Mara Date revised: 09.07.201	
ubstance number: 171505073	Replaces Version: 4 / GB	Print date: 13.07.1	
for ensuring that the requirements of	the product are outside the supplier's of relevant legislation are complied wit afety data sheet does not constitute th er health and safety legislation.	h.	

#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 032, 50 ml Marabu-Textil plus 032, 50 ml

Version: 5/GB

Date revised: 09.07.2015

Substance number: 171505032

Replaces Version: 4 / GB

Print date: 13.07.15

au

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

# 1.1. Product identifier

Marabu-Textil plus 032, 50 ml Marabu-Textil plus 032, 50 ml

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

#### Use of the substance/preparation

Paint

SU21

PC9a

#### Identified Uses

Consumer uses: Private households (= general public = consumers) Coatings and paints, thinners, paint removers

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

#### Address

Marabu GmbH & Co. ł Asperger Strasse 4	KG
71732 Tamm	
Germany	
Telephone no.	+49-7141/691-0
Fax no.	+49-7141/691-147
Information provided	Department product safety
by / telephone	
E-mail address of	PRSI@marabu.de
person responsible	
for this SDS	

## 1.4. Emergency telephone number

(+49) (0)621-60-43333

# SECTION 2: Hazards identification \*\*\*

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

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

#### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

#### 2.3. Other hazards

No special hazards have to be mentioned.

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

#### 3.2. Mixtures

#### **Chemical characterization**

Paint based on acrylic resins and on water

# Hazardous ingredients \*\*\*

#### Poly(oxy-1,2-ethanediyl),a-phenyl-w-hydroxy-, styrenated

CAS No.	104376-75-2			
Concentration	>= 1	<	10	%

MSDS for #01256 - MARABU	TEXTIL PLUS		Page 10
Safety data sheet in accorda		) No 1907/2006	
Trade name: Marabu-Textil pl		extil plus 032, 50 ml :5 / GB	Marabu Date revised: 09.07.2015
Substance number: 17150503		es Version: 4/GB	Print date: 13.07.15
Classification (Regul	ation (EC) No. 1272/2008 Aquatic Chronic 3	) H412	
2,2'-Oxybisethanol CAS No.	111-46-6		
EINECS no. Registration no. Concentration	203-872-2 01-2119457857-21 >= 1	< 10	%
Classification (Regul	ation (EC) No. 1272/2008 Acute Tox. 4	H302	
	STOT RE 2	H373	
SECTION 4: First aid	<u>I measures</u>		
4.1. Description of first	aid measures		
After skin contact			
Wash with plenty of v	water and soap. Do NOT	use solvents or thini	ners.
-	ish the eyes thoroughly w	ith water (15 min.). I	In case of irritation consult an oculist.
After ingestion			
Rinse mouth thoroug medical treatment.	hly with water. If larger ar	mounts are swallowe	ed or in the event of symptoms take
<b>4.2. Most important sy</b> Until now no sympto	-	, both acute and	d delayed
4.3. Indication of any in	nmediate medical a	ttention and spe	ecial treatment needed
Hints for the physici Treat symptomatical			
SECTION 5: Firefigh	<u>ting measures</u>		
5.1. Extinguishing med	lia		
Suitable extinguishi Carbon dioxide, Foa	-		
5.2. Special hazards ar In the event of fire th black smoke			<b>e</b> (CO2); Carbon monoxide (CO); dense
5.3. Advice for firefight	ers		
Other information Collect contaminated	I fire-fighting water separa	ately, must not be di	scharged into the drains.
SECTION 6: Accider	<u>ital release meas</u>	<u>ures</u>	
6.1. Personal precaution		oment and eme	rgency procedures
6.2. Environmental pre No particular measu			

ASDS for #01256 - MARABU TEXTI	L PLUS			Page 2
Safety data sheet in accordance w	ith regulation	(EC) No 1907	/2006	
rade name: Marabu-Textil plus 032		ou-Textil plus 0 rsion: 5 / GB	32, 50 ml	Date revised: 09.07.2
Substance number: 171505032	Re	places Version	n: 4/GB	Print date: 13.07
6.3. Methods and material for Clean preferably with a det 6.4. Reference to other sect	ergent - avoid			
	handling, see			personal protective measures
SECTION 7: Handling an	<u>d storage</u>			
7.1. Precautions for safe ha	ndling			
Advice on safe handling Avoid skin and eye contact Advice on protection agai No special measures requi	inst fire and	-	ig shall be prohibite	ed in application area.
7.2. Conditions for safe stor Requirements for storage Store in frostfree conditions	rooms and		ompatibilities	
7.3 Specific and use(s)				
7.3. Specific end use(s) Paint SECTION 8: Exposure co	ontrols/pe	rsonal pro	otection	
Paint	ontrols/pe	rsonal pro	otection	
Paint SECTION 8: Exposure co	ontrols/pe	rsonal pro	otection	
Paint SECTION 8: Exposure co 8.1. Control parameters		rsonal pro	<u>otection</u>	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List	EH40	rsonal pro	otection	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type	EH40 WEL			2000(11)
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List	EH40	mg/m <sup>3</sup>	otection 23	ppm(V)
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011	EH40 WEL 101	mg/m³		ppm(V)
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value	EH40 WEL 101	mg/m³		ppm(V)
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value	EH40 WEL 101 n alkanes, >=0	mg/m³		ppm(V)
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7	EH40 WEL 101 n <b>alkanes, &gt;=</b> 0 EH40 1200	mg/m³ C7		ppm(V)
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List	EH40 WEL 101 n <b>alkanes, &gt;=</b> 0 EH40 1200 EH40	mg/m³ C7 mg/m³		ppm(V)
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7	EH40 WEL 101 n <b>alkanes, &gt;=</b> 0 EH40 1200	mg/m³ C7		ppm(V)
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³	23 900	ppm(V)
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value List Value Value Cycloalkanes, >=C7	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³ mg/m³	23 900	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information	EH40 WEL 101 n alkanes, >=( EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 120	23 900	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 120 parameters.	23 900	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 120 parameters.	23 900	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 120 parameters.	23 900	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu Derived No/Minimal Effect	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 120 parameters.	23 900	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 120 parameters. EL/DMEL) No Effect Leve	23 900	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP urther control p t Levels (DN Derived Worker Long ter	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 120 Parameters. EL/DMEL) No Effect Leve	23 900	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 120 Parameters. EL/DMEL) No Effect Leve	23 900	

rade name: Marabu-Textil plus 032	Trade name: Marabu-Textil plus 032, 50 ml Marabu-Textil plus 032, 50 ml Version: 5 / GB		
ubstance number: 171505032	Replaces Version: 4 / GB	Print date: 13.07.15	
Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	106	mg/kg/d	
Type of value	Derived No Effect Level (DNEL)		
Reference group	Consumer		
Duration of exposure	Long term		
Route of exposure	inhalative		
Mode of action	Local effects		
Concentration	12	mg/m³	
Type of value	Derived No Effect Level (DNEL)		
Reference group	Consumer		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	53	mg/kg/d	
Predicted No Effect Conce 2,2'-Oxybisethanol	entration (PNEC)		
Type of value Type	Freshwater		
Concentration	10	mg/l	
Type of value	PNEC		
Type	Saltwater		
Concentration	1	mg/l	
Type of value	PNEC		
Type	Water (intermittent release)		
Concentration	10	mg/l	
Type of value	PNEC		
Туре	Sewage treatment plant (STP)		
Concentration	199,5	mg/l	
Type of value	PNEC		
Type	Freshwater sediment		
Concentration	20,9	mg/kg	
Type of value	PNEC		
Type	Marine sediment		
Concentration	2,09	mg/kg	
Type of value	PNEC		
Type	Soil		
Concentration	1,53	mg/kg	
8.2. Exposure controls			

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afety data sheet in accordance wi		o 1907/2	2006		
rade name: Marabu-Textil plus 032,	50 ml Marabu-Textil	plus 03	2. 50 ml		Marah
····· ···· ···· ···· ····· ···· ····· ····	Version: 5		_,		Date revised: 09.07.201
Substance number: 171505032	Replaces \	Version:	4 / GB		Print date: 13.07.15
SECTION 9: Physical and	I chemical pro	pertie	S		
9.1. Information on basic ph Form	liquid	cai pro	operties		
Colour	coloured				
Odour	odourless				
Odour threshold					
Remarks	No data availabl	е			
pH value		•			
Value	7	to	9		
Temperature	20	°C	5		
Method	WTW PH 340				
Melting point					
Remarks	not determined				
Freezing point					
Remarks	not determined				
Initial boiling point and bo	iling range				
Value	appr. 100			°C	
Pressure	1.013	hPa			
Source	Literature value				
Flash point					
Remarks	Not applicable				
Evaporation rate (ether = 1					
Remarks	not determined				
Flammability (solid, gas)					
Not applicable					
Upper/lower flammability of	-				
Remarks	not determined				
Vapour pressure					
Value	appr. 23	°C		hPa	
Temperature Method	20 Value taken fro	-	erature		
Vapour density	value taken no		ciatare		
Remarks	not determined				
Density	not determined				
Value	1,240			g/cm³	
Temperature	20	°C		g/onr	
Method	DIN EN ISO 281	-			
Solubility in water					
Remarks	miscible				
Ignition temperature					
Remarks	not determined				
Viscosity					
dynamic					
Value	10000	to	25000	mPa.s	
Temperature	20	°C			
Method	Brookfield				

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_MSDS for #01256 - MARABU TEXTIL I		
Safety data sheet in accordance with	າ regulation (EC) No 1907/2006	
Trade name: Marabu-Textil plus 032, 5	50 ml Marabu-Textil plus 032, 50 ml Version: 5 / GB	Marabu Date revised: 09.07.2015
Substance number: 171505032	Replaces Version: 4 / GB	Print date: 13.07.15
9.2. Other information Other information None known		
SECTION 10: Stability and	reactivity	
10.1. Reactivity None		
<b>10.2. Chemical stability</b> No hazardous reactions know	vn.	
<b>10.3. Possibility of hazardous</b> No hazardous reactions know		
<b>10.4. Conditions to avoid</b> No hazardous reactions know	vn.	
10.5. Incompatible materials None		
<b>10.6. Hazardous decomposition</b> No hazardous decomposition		
SECTION 11: Toxicologica	al information	
11.1. Information on toxicolog	gical effects	
Acute oral toxicity		
ATE Method	> 2.000 m calculated value (Regulation (EC) No. 12	ng/kg 272/2008)
Experience in practice		212/2000;
	ed protective and safety precautions are ta	aken, experience shows that no
Other information		
There are no data available o The mixture has been assess 1272/2008 and not classified.	sed following the additivity method of the	CLP Regulation (EC) No
SECTION 12: Ecological in	nformation	
12.1. Toxicity		
General information	· · · · · · · · · · · · · · · · · · ·	
	on the mixture itself.Do not allow to enter on ollowing the summation method of the CL	

There are no data available on the mixture itself.Do not allow to enter drains or water courses.The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details environment. See section 3 for details.

#### 12.2. Persistence and degradability

#### **General information**

There are no data available on the mixture itself.

#### 12.3. Bioaccumulative potential

**General information** 

#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 032, 50 ml Marabu-Textil plus 032, 50 ml

Version: 5 / GB

Substance number: 171505032

Replaces Version: 4 / GB

Marabu Date revised: 09.07.2015

Print date: 13.07.15

aue

There are no data available on the mixture itself.

#### 12.4. Mobility in soil

#### General information

There are no data available on the mixture itself.

## 12.5. Results of PBT and vPvB assessment

**General information** 

There are no data available on the mixture itself.

#### 12.6. Other adverse effects

#### General information

There are no data available on the mixture itself.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### **Disposal recommendations for the product**

The product can be placed with other household refuse. Small residues in containers can be washed-out with water and put into the drainage system.

#### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste. Completely emptied packagings can be given for recycling.

# **SECTION 14: Transport information**

#### Land transport ADR/RID

Non-dangerous goods

```
14.1. UN number
```

14.2. UN proper shipping name

-14.3. Transport hazard class(es) Class Label

14.4. Packing group

Packing group

```
14.5. Environmental hazards
```

#### Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

14.1. UN number UN -

14.2. UN proper shipping name

-14.3. Transport hazard class(es) Class Subsidiary risk 14.4. Packing group Packing group 14.5. Environmental hazards no

Air transport ICAO/IATA

	PLUS h regulation (EC) No	1907/2006	
Frade name: Marabu-Textil plus 032,			
	Version: 5 /		Date revised: 09.07.2015
Substance number: 171505032	Replaces Ve	rsion: 4/GB	Print date: 13.07.15
The product does not constit	ute a hazardous subst	ance in air transpor	rt.
14.1. UN number UN -			
14.2. UN proper shipping nam	e		
- 14.3. Transport hazard class( Class	≥s) -		
Subsidiary risk	-		
14.4. Packing group Packing group	_		
14.5. Environmental hazards	-		
Information for all modes of			
<b>14.6. Special precautions for</b> Transport within the user's p			
Always transport in closed co		ht and secure.	
			vent of an accident or spillage.
Other information			
14.7. Transport in bulk accord	ling to Annex II of MA	RPOL73/78 and the second secon	he IBC Code
no			
SECTION 15: Regulatory	information ***		
15.1. Safety, health and envir		ons/legislatior	specific for the substance
or mixture			
VOC ***			
VOC (EU)	8,9 %	110,4 g	/I
Other information	substances of very hi	ah concern (SVHC	)
The product does not contain	-	gh concern (SVHC	).
The product does not contain 15.2. Chemical safety assess	sment		
The product does not contain 15.2. Chemical safety assess For this preparation a chemic	cal safety assessment		
The product does not contain 15.2. Chemical safety assess For this preparation a chemic SECTION 16: Other inform	sment cal safety assessment   nation		
The product does not contain 15.2. Chemical safety assess For this preparation a chemic SECTION 16: Other inform Hazard statements listed in	sment cal safety assessment nation n Chapter 3	has not been carrie	
The product does not contain 15.2. Chemical safety assess For this preparation a chemic SECTION 16: Other inform	sment cal safety assessment <u>nation</u> <b>Chapter 3</b> Harmful if swallowed.	has not been carrie	
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412	sment cal safety assessment mation Chapter 3 Harmful if swallowed. May cause damage to Harmful to aquatic life	has not been carrie o organs through p	ed out. rolonged or repeated exposure:
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412 <b>CLP categories listed in Ch</b>	sment cal safety assessment mation Chapter 3 Harmful if swallowed. May cause damage to Harmful to aquatic life napter 3	has not been carrie o organs through p with long lasting e	ed out. rolonged or repeated exposure:
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412 <b>CLP categories listed in Ch</b> Acute Tox. 4	ment cal safety assessment <b>nation</b> <b>Chapter 3</b> Harmful if swallowed. May cause damage to Harmful to aquatic life <b>napter 3</b> Acute toxicity, Catego	has not been carrie o organs through p with long lasting e	ed out. rolonged or repeated exposure: effects.
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412 <b>CLP categories listed in Ch</b> Acute Tox. 4 Aquatic Chronic 3	<b>ment</b> cal safety assessment in <b>nation</b> <b>Chapter 3</b> Harmful if swallowed. May cause damage to Harmful to aquatic life <b>napter 3</b> Acute toxicity, Categor Hazardous to the aqu	has not been carrie o organs through p with long lasting e ory 4 latic environment, o	ed out. rolonged or repeated exposure: effects. chronic, Category 3
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412 <b>CLP categories listed in Ch</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2	<b>ment</b> cal safety assessment in <b>nation</b> <b>Chapter 3</b> Harmful if swallowed. May cause damage to Harmful to aquatic life <b>napter 3</b> Acute toxicity, Categor Hazardous to the aqu	has not been carrie o organs through p with long lasting e ory 4 latic environment, o	ed out. rolonged or repeated exposure: effects.
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412 <b>CLP categories listed in Ch</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 <b>Supplemental information</b>	<b>ment</b> cal safety assessment in <b>nation</b> <b>Chapter 3</b> Harmful if swallowed. May cause damage to Harmful to aquatic life <b>hapter 3</b> Acute toxicity, Categor Hazardous to the aqu Specific target organ	has not been carrie o organs through p with long lasting e ory 4 latic environment, o toxicity - repeated	ed out. rolonged or repeated exposure: effects. chronic, Category 3
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412 <b>CLP categories listed in CH</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 <b>Supplemental information</b> Relevant changes compared This information is based on	<b>ment</b> cal safety assessment in <b>nation</b> <b>Chapter 3</b> Harmful if swallowed. May cause damage to Harmful to aquatic life <b>napter 3</b> Acute toxicity, Categor Hazardous to the aqu Specific target organ with the previous vers our present state of kn	has not been carrie o organs through p with long lasting e ory 4 latic environment, o toxicity - repeated ion of the safety da owledge. However	ed out. rolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2 ata sheet are marked with: *** r, it should not constitute a
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412 <b>CLP categories listed in Ch</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 <b>Supplemental information</b> Relevant changes compared	<b>ment</b> cal safety assessment in <b>nation</b> <b>Chapter 3</b> Harmful if swallowed. May cause damage to Harmful to aquatic life <b>napter 3</b> Acute toxicity, Categor Hazardous to the aqu Specific target organ with the previous vers our present state of kn oduct properties and sl	has not been carrie o organs through p with long lasting e ory 4 latic environment, o toxicity - repeated ion of the safety da owledge. However nall not establish a	ed out. rolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2 ata sheet are marked with: *** , it should not constitute a legally valid relationship.
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412 <b>CLP categories listed in Ch</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 <b>Supplemental information</b> Relevant changes compared This information is based on guarantee for any specific pr The information in this Safety legislation.	<b>ment</b> cal safety assessment in <b>nation</b> <b>Chapter 3</b> Harmful if swallowed. May cause damage to Harmful to aquatic life <b>napter 3</b> Acute toxicity, Catego Hazardous to the aqu Specific target organ with the previous vers our present state of kn oduct properties and sl y Data Sheet is based of	has not been carrie o organs through p with long lasting e ory 4 latic environment, o toxicity - repeated ion of the safety da owledge. However hall not establish a on the present state	ed out. rolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2 ata sheet are marked with: *** , it should not constitute a legally valid relationship. e of knowledge and current
The product does not contain <b>15.2. Chemical safety assess</b> For this preparation a chemic <b>SECTION 16: Other inform</b> <b>Hazard statements listed in</b> H302 H373 H412 <b>CLP categories listed in Ch</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 <b>Supplemental information</b> Relevant changes compared This information is based on guarantee for any specific pr The information in this Safet	<b>ment</b> cal safety assessment in <b>nation</b> <b>Chapter 3</b> Harmful if swallowed. May cause damage to Harmful to aquatic life <b>napter 3</b> Acute toxicity, Catego Hazardous to the aqu Specific target organ I with the previous vers our present state of kn oduct properties and sl y Data Sheet is based of th, safety and environm	has not been carrie o organs through p with long lasting e ory 4 latic environment, o toxicity - repeated ion of the safety da owledge. However hall not establish a on the present state	ed out. rolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2 ata sheet are marked with: *** , it should not constitute a legally valid relationship. e of knowledge and current me product and should not be

ISDS for #01256 - MARABU TEXTIL PL		Page 2	
afety data sheet in accordance with r			
Frade name: Marabu-Textil plus 032, 50 ml Marabu-Textil plus 032, 50 ml Version: 5 / GB		Marab Date revised: 09.07.201	
ubstance number: 171505032	Replaces Version: 4 / GB	Print date: 13.07.15	
As the specific conditions of use for ensuring that the requiremer The information contained in thi	Replaces Version: 47GB e of the product are outside the supplier's its of relevant legislation are complied with s safety data sheet does not constitute the other health and safety legislation.	control, the user is responsible h.	

	_
MSDS for #01256 - MARABU TEXTIL PLUS	
Safety data sheet in accordance with regulation (EC) No 1907/2006	

Trade name: Marabu-Textil plus 021, 50 ml Marabu-Textil plus 021, 50 ml

Version: 5/GB

Date revised: 09.07.2015

Substance number: 171505021

# Replaces Version: 4 / GB

Print date: 13.07.15

age

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Marabu-Textil plus 021, 50 ml Marabu-Textil plus 021, 50 ml 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/preparation Paint Identified Uses SU21 Consumer uses: Private households (= general public = consumers) PC9a Coatings and paints, thinners, paint removers 1.3. Details of the supplier of the safety data sheet Address Marabu GmbH & Co. KG Asperger Strasse 4 71732 Tamm Germany Telephone no. +49-7141/691-0 Fax no. +49-7141/691-147 Information provided Department product safety by / telephone E-mail address of PRSI@marabu.de person responsible for this SDS 1.4. Emergency telephone number (+49) (0)621-60-43333 SECTION 2: Hazards identification \*\*\* 2.1. Classification of the substance or mixture This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008. 2.2. Label elements Labelling according to regulation (EC) No 1272/2008 The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008. 2.3. Other hazards No special hazards have to be mentioned. SECTION 3: Composition/information on ingredients \*\*\* 3.2. Mixtures **Chemical characterization** Paint based on acrylic resins and on water Hazardous ingredients \*\*\* Poly(oxy-1,2-ethanediyl),a-phenyl-w-hydroxy-, styrenated CAS No. 104376-75-2 1 Concentration < 10 % >=

MSDS for #01256 - MARABU					Page 2
Safety data sheet in accorda		No 1907/2	2006		
Trade name: Marabu-Textil pl	us 021, 50 ml Marabu-Te	xtil plus 02	1, 50 ml		Marabu
		5/GB			Date revised: 09.07.2015
Substance number: 17150502	1 Replace	es Version:	4 / GB		Print date: 13.07.15
Classification (Regul	ation (EC) No. 1272/2008 Aquatic Chronic 3	) H412			
2,2'-Oxybisethanol					
CAS No.	111-46-6				
EINECS no. Registration no.	203-872-2 01-2119457857-21				
Concentration	>= 1	<	10	%	
	-tion (FO) No. 4070/0000	<b>`</b>			
Classification (Regul	ation (EC) No. 1272/2008 Acute Tox. 4	) H302			
	STOT RE 2	H373			
SECTION 4: First aid	Imeasures				
4.1. Description of first					
After skin contact	alu measures				
	water and soap. Do NOT u	use solvent	s or thinr	ners.	
After eye contact					ritation consult an oculist.
After ingestion	ish the eyes thoroughly wi	in water (1	5 11111.). 1		
-	hly with water. If larger an	nounts are	swallowe	ed or in the	event of symptoms take
<b>4.2. Most important syn</b> Until now no sympton	-	both ac	ute and	delayed	1
4.3. Indication of any ir	nmediate medical at	tention a	and spe	ecial trea	tment needed
Hints for the physici	an / treatment		-		
	-				
SECTION 5: Firefigh					
5.1. Extinguishing med					
Suitable extinguishi Carbon dioxide, Foa	-				
5.2. Special hazards ar In the event of fire th black smoke					rbon dioxide (CO2); dense
5.3. Advice for firefight	ers				
Other information					
	l fire-fighting water separa	tely, must	not be dis	scharged ir	nto the drains.
SECTION 6: Acciden	ital release measi	ures			
6.1. Personal precautic No particular measur	· · ·	oment an	d emer	gency p	rocedures
6.2. Environmental pre No particular measur					
-					

MSDS for #01256 - MARABU TEXTIL	PLUS			Page 20
Safety data sheet in accordance witl	h regulation	(EC) No 1907/20	06	
Frade name: Marabu-Textil plus 021,		ou-Textil plus 021, ersion: 5 / GB	50 ml	Marab Date revised: 09.07.201
Substance number: 171505021	Re	places Version: 4	4 / GB	Print date: 13.07.15
<ul> <li>6.3. Methods and material for Clean preferably with a deter</li> <li>6.4. Reference to other section Information regarding Safe has</li> </ul>	gent - avoid <b>ons</b>	use of solvents.		ersonal protective measures,
see Section 8. Information re		•	ection 13.	
SECTION 7: Handling and	storage	<u>}</u>		
7.1. Precautions for safe hand	dling			
Advice on safe handling Avoid skin and eye contact. S Advice on protection again No special measures require	<b>st fire and</b> d.	explosion		d in application area.
7.2. Conditions for safe stora Requirements for storage re Store in frostfree conditions.	-		npatibilities	
7.3. Specific end use(s)				
Paint				
Paint	ntrole/ne	rsonal prote	oction	
Paint SECTION 8: Exposure cor	<u>ntrols/pe</u>	rsonal prote	ection	
Paint SECTION 8: Exposure cor 8.1. Control parameters	ntrols/pe	rsonal prote	ection	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values	<u>ntrols/pe</u>	rsonal prote	ection	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol		rsonal prote	ection	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values	<mark>EH40</mark> WEL	rsonal prote	ection	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value	EH40	rsonal prote	ection 23	ppm(V)
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011	EH40 WEL 101	mg/m³		ppm(V)
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a	EH40 WEL 101 alkanes, >=0	mg/m³		ppm(V)
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List	EH40 WEL 101 alkanes, >=0 EH40	mg/m³ C7		ppm(V)
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value	EH40 WEL 101 alkanes, >=0	mg/m³		ppm(V)
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List	EH40 WEL 101 alkanes, >=0 EH40	mg/m³ C7		ppm(V)
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7		ppm(V)
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40	mg/m³ C7 mg/m³	23	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value List Value Value Value Cycloalkanes, >=C7 List Value Value	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³		ppm(V)
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³ mg/m³	23	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³ mg/m³	23	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ <b>C7</b> mg/m³ mg/m³ 1200	23	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 1200	23	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 1200	23	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 1200	23 900	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 1200 parameters. EL/DMEL)	23 900	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect L 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP her control p _evels (DN Derived Worker Long ter	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 parameters. EL/DMEL) No Effect Level (I	23 900	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol Type of value Reference group Duration of exposure Route of exposure	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP her control p <b>_evels (DN</b> Derived Worker Long ter inhalativ	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 parameters. EL/DMEL) No Effect Level (E	23 900	
Paint SECTION 8: Exposure cor 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect L 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP her control p evels (DN Derived Worker Long ter inhalativ Local ef	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 parameters. EL/DMEL) No Effect Level (E	23 900 DNEL)	

ade name: Marabu-Textil plus 02 <sup>-</sup>	Ma		
Version: 5 / GB		Date revised: 09.07.20	
ubstance number: 171505021	Replaces Version: 4 / GB	Print date: 13.07.15	
Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	106	mg/kg/d	
Type of value	Derived No Effect Level (DNEL)		
Reference group	Consumer		
Duration of exposure	Long term		
Route of exposure	inhalative		
Mode of action	Local effects		
Concentration	12	mg/m³	
Type of velue	Derived No Effect Level (DNEL)		
Type of value Reference group	Derived No Effect Level (DNEL) Consumer		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	53	mg/kg/d	
Type of value Type Concentration	PNEC Freshwater 10	mg/l	
Type of value	PNEC		
Туре	Saltwater		
Concentration	1	mg/l	
	PNEC		
Type of value	-		
Type of value	Water (intermittent release)		
Туре	Water (intermittent release) 10	ma/l	
Type Concentration	10	mg/l	
Type Concentration Type of value	10 PNEC	mg/l	
Type Concentration	10 PNEC Sewage treatment plant (STP)	-	
Type Concentration Type of value Type Concentration	10 PNEC Sewage treatment plant (STP) 199,5	mg/l mg/l	
Type Concentration Type of value Type Concentration Type of value	10 PNEC Sewage treatment plant (STP) 199,5 PNEC	-	
Type Concentration Type of value Type Concentration Type of value Type	10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment	mg/l	
Type Concentration Type of value Type Concentration Type of value	10 PNEC Sewage treatment plant (STP) 199,5 PNEC	-	
Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value	10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC	mg/l	
Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type	10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC Marine sediment	mg/l mg/kg	
Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value	10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC	mg/l	
Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration	10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC Marine sediment	mg/l mg/kg	
Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value	10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC Marine sediment 2,09	mg/l mg/kg	
Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration	10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC Marine sediment 2,09 PNEC	mg/l mg/kg	
Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type Concentration Type of value Type of value Type	10 PNEC Sewage treatment plant (STP) 199,5 PNEC Freshwater sediment 20,9 PNEC Marine sediment 2,09 PNEC Soil	mg/l mg/kg mg/kg	

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afety data sheet in accordance v	with regulation (EC) No	o 1907/2	2006		
rade name: Marabu-Textil plus 02	1, 50 ml Marabu-Textil	plus 02	1, 50 ml		
	Version: 5				Date revised: 09.07.201
Substance number: 171505021	Replaces \	/ersion:	4 / GB		Print date: 13.07.15
SECTION 9: Physical an	d chemical prop	<u>pertie</u>	<u>s</u>		
9.1. Information on basic p	hvsical and chemi	cal pro	operties		
Form	liquid	•	•		
Colour	coloured				
Odour	odourless				
Odour threshold					
Remarks	No data availabl	е			
pH value					
Value Temperature	7 20	to °C	9		
Method	20 WTW PH 340	C			
Melting point					
Remarks	not determined				
Freezing point					
Remarks	not determined				
Initial boiling point and b	oiling range				
Value	appr. 100			°C	
Pressure	1.013	hPa			
Source	Literature value				
Flash point Remarks	Not oppliaghla				
Evaporation rate (ether =	Not applicable				
Remarks	not determined				
Flammability (solid, gas)					
Not applicable					
Upper/lower flammability	or explosive limits				
Remarks	not determined				
Vapour pressure					
Value	appr. 23			hPa	
Temperature	20	°C	4		
Method	Value taken fror	n the lite	erature		
Vapour density					
Remarks	not determined				
<b>Density</b> Value	4 000			a/2m3	
Temperature	1,220 20	°C		g/cm³	
Method	DIN EN ISO 281	-			
Solubility in water					
Remarks	miscible				
Ignition temperature					
Remarks	not determined				
Viscosity					
dynamic					
Value	10000	to	25000	mPa.s	
Temperature	20	°C			

Page 5(9)

Page 31 of 53

		<del></del>
MSDS for #01256 - MARABU TEXTIL F		Page to the factor
Safety data sheet in accordance with	regulation (EC) No 1907/2006	
Trade name: Marabu-Textil plus 021, 5	0 ml Marabu-Textil plus 021, 50 ml	Marabu
	Version: 5 / GB	Date revised: 09.07.2015
Substance number: 171505021	Replaces Version: 4 / GB	Print date: 13.07.15
9.2. Other information		
Other information		
None known		
SECTION 10: Stability and	reactivity	
10.1. Reactivity		
None		
10.2. Chemical stability		
No hazardous reactions know	n.	
10.3. Possibility of hazardous	reactions	
No hazardous reactions know		
<b>10.4. Conditions to avoid</b> No hazardous reactions know	'n.	
10.5. Incompatible materials		
None		
10.6. Hazardous decomposition		
No hazardous decomposition	products known.	
SECTION 11: Toxicologica	I information	
11.1. Information on toxicolog	lical effects	
Acute oral toxicity		
ATE	> 2.000 mg/kg	
	calculated value (Regulation (EC) No. 1272/2	2008)
Experience in practice		
risk to health can be expected	d protective and safety precautions are taken I.	, experience shows that no
Other information		
There are no data available or	n the mixture itself. ed following the additivity method of the CLP	Population (EC) No
1272/2008 and not classified.		
SECTION 12: Ecological in	formation	
12.1. Toxicity		
General information		
There are no data available or	n the mixture itself.Do not allow to enter drain	is or water courses.The

There are no data available on the mixture itself.Do not allow to enter drains or water courses.The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details.

#### 12.2. Persistence and degradability

#### **General information**

There are no data available on the mixture itself.

#### 12.3. Bioaccumulative potential

**General information** 

#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 021, 50 ml Marabu-Textil plus 021, 50 ml

Version: 5 / GB

Substance number: 171505021

Replaces Version: 4 / GB

Marabu Date revised: 09.07.2015

Print date: 13.07.15

au

There are no data available on the mixture itself.

#### 12.4. Mobility in soil

#### General information

There are no data available on the mixture itself.

## 12.5. Results of PBT and vPvB assessment

#### **General information**

There are no data available on the mixture itself.

#### 12.6. Other adverse effects

#### General information

There are no data available on the mixture itself.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### **Disposal recommendations for the product**

The product can be placed with other household refuse. Small residues in containers can be washed-out with water and put into the drainage system.

#### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste. Completely emptied packagings can be given for recycling.

# **SECTION 14: Transport information**

#### Land transport ADR/RID

Non-dangerous goods

## 14.1. UN number

UN -

# 14.2. UN proper shipping name

14.3. Transport hazard class(es) Class Label

14.4. Packing group

- Packing group
- 14.5. Environmental hazards

#### Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

14.1. UN number UN -

#### 14.2. UN proper shipping name

14.3. Transport hazard class(es) Class Subsidiary risk
14.4. Packing group Packing group
14.5. Environmental hazards

no

#### Air transport ICAO/IATA

Jaiery Hala Sheel in accordance wi	_ PLUS ith regulation (EC) No 1907/2006	Page (14 of
-	, 50 ml Marabu-Textil plus 021, 50 ml	Marabu
	Version: 5/GB	Date revised: 09.07.2015
Substance number: 171505021	Replaces Version: 4 / GB	Print date: 13.07.15
The product does not consti	itute a hazardous substance in air transpor	t.
14.1. UN number UN -		
14.2. UN proper shipping nan	ne	
- 14.3. Transport hazard class( Class	(es)	
Subsidiary risk	-	
14.4. Packing group		
Packing group 14.5. Environmental hazards	-	
-		
Information for all modes of		
<b>14.6. Special precautions for</b> Transport within the user's p		
	containers that are upright and secure.	
Ensure that persons transpo	orting the product know what to do in the ev	vent of an accident or spillage.
Other information		
-	ding to Annex II of MARPOL73/78 and th	ne IBC Code
no		
SECTION 15: Regulatory	information ***	
15.1. Safety, health and envi		anasifia for the substance
		specific for the substance
or mixture		specific for the substance
voc (EU)	8,72 % 106,4 g/	-
or mixture VOC ***		-
or mixture VOC *** VOC (EU) Other information		1
or mixture VOC *** VOC (EU) Other information The product does not contain	8,72 % 106,4 g/	1
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess	8,72 % 106,4 g/	- 1 ).
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem	8,72 % 106,4 g/ in substances of very high concern (SVHC) <b>sment</b> ical safety assessment has not been carrie	- 1 ).
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform	8,72 % 106,4 g/ in substances of very high concern (SVHC) <b>sment</b> ical safety assessment has not been carrie <u>mation</u>	- 1 ).
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in	8,72 % 106,4 g/ in substances of very high concern (SVHC) <b>sment</b> ical safety assessment has not been carrie <u>mation</u> n Chapter 3	- 1 ).
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carrie <u>mation</u> n Chapter 3 Harmful if swallowed.	1 ). d out.
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in	8,72 % 106,4 g/ in substances of very high concern (SVHC) <b>sment</b> ical safety assessment has not been carrie <u>mation</u> n Chapter 3	n n n n n n n n n n n n n n n n n n n
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carrie mation n Chapter 3 Harmful if swallowed. May cause damage to organs through pu Harmful to aquatic life with long lasting e	n n n n n n n n n n n n n n n n n n n
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373 H412 CLP categories listed in Cl Acute Tox. 4	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carrie mation n Chapter 3 Harmful if swallowed. May cause damage to organs through put Harmful to aquatic life with long lasting end hapter 3 Acute toxicity, Category 4	1 ). d out. rolonged or repeated exposure: ffects.
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373 H412 CLP categories listed in Cl Acute Tox. 4 Aquatic Chronic 3	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carrie mation n Chapter 3 Harmful if swallowed. May cause damage to organs through pri Harmful to aquatic life with long lasting e hapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, c	// ). rolonged or repeated exposure: ffects.
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373 H412 CLP categories listed in Cl Acute Tox. 4 Aquatic Chronic 3 STOT RE 2	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carrie mation n Chapter 3 Harmful if swallowed. May cause damage to organs through pr Harmful to aquatic life with long lasting e hapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, of Specific target organ toxicity - repeated e	// ). rolonged or repeated exposure: ffects.
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373 H412 CLP categories listed in Cl Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carried mation n Chapter 3 Harmful if swallowed. May cause damage to organs through pri Harmful to aquatic life with long lasting e hapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, of Specific target organ toxicity - repeated of	n n n n n n n n n n n n n n
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373 H412 CLP categories listed in Cl Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compared This information is based or	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carrie mation n Chapter 3 Harmful if swallowed. May cause damage to organs through put Harmful to aquatic life with long lasting e hapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, of Specific target organ toxicity - repeated e d with the previous version of the safety date nour present state of knowledge. However,	n n n n n n n n n n n n n n
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373 H412 CLP categories listed in Cl Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compared This information is based or guarantee for any specific p	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carrie mation n Chapter 3 Harmful if swallowed. May cause damage to organs through pri Harmful to aquatic life with long lasting e hapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, of Specific target organ toxicity - repeated e d with the previous version of the safety da n our present state of knowledge. However, product properties and shall not establish a	n n n n n n n n n n n n n n
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373 H412 CLP categories listed in Cl Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compared This information is based or guarantee for any specific p The information in this Safet	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carrie mation n Chapter 3 Harmful if swallowed. May cause damage to organs through put Harmful to aquatic life with long lasting e hapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, of Specific target organ toxicity - repeated e d with the previous version of the safety date nour present state of knowledge. However,	n n n n n n n n n n n n n n
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373 H412 CLP categories listed in Cl Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compared This information is based or guarantee for any specific p The information in this Safet legislation.	8,72 % 106,4 g/ in substances of very high concern (SVHC) sment ical safety assessment has not been carrie mation n Chapter 3 Harmful if swallowed. May cause damage to organs through pri Harmful to aquatic life with long lasting e hapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, of Specific target organ toxicity - repeated e d with the previous version of the safety da n our present state of knowledge. However, product properties and shall not establish a	n n n n n n n n n n n n n n
or mixture VOC *** VOC (EU) Other information The product does not contain 15.2. Chemical safety assess For this preparation a chem SECTION 16: Other inform Hazard statements listed in H302 H373 H412 CLP categories listed in Cl Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compare This information is based or guarantee for any specific p The information in this Safet legislation. It provides guidance on hea construed as any guarantee	8,72 % 106,4 gr in substances of very high concern (SVHC) sment ical safety assessment has not been carrie mation n Chapter 3 Harmful if swallowed. May cause damage to organs through pr Harmful to aquatic life with long lasting e hapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, of Specific target organ toxicity - repeated e d with the previous version of the safety dat h our present state of knowledge. However, product properties and shall not establish a ty Data Sheet is based on the present state	n n n n n n n n n n n n n n

Safety data sheet in accordance with regulation (EC) No 1907/2006 Trade name: Marabu-Textil plus 021, 50 ml Marabu-Textil plus 021, 50 ml		
rade name: Marabu-Textil plus 021, 50 mi	Version: 5 / GB	Date revised: 09.07.201
ubstance number: 171505021	Replaces Version: 4 / GB	Print date: 13.07.15
for ensuring that the requirements o	the product are outside the supplier's of f relevant legislation are complied with fety data sheet does not constitute the er health and safety legislation.	٦.

Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 055, 50 ml Marabu-Textil plus 055, 50 ml

Version: 5/GB

Date revised: 13.07.2015 Print date: 01.08.15

au

Substance number: 171505055

# Replaces Version: 4 / GB

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Marabu-Textil plus 055, 50 ml Marabu-Textil plus 055, 50 ml 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/preparation Paint **Identified Uses** SU21 Consumer uses: Private households (= general public = consumers) PC9a Coatings and paints, thinners, paint removers 1.3. Details of the supplier of the safety data sheet Address Marabu GmbH & Co. KG Asperger Strasse 4 71732 Tamm Germany +49-7141/691-0 Telephone no. Fax no. +49-7141/691-147 Information provided Department product safety by / telephone E-mail address of PRSI@marabu.de person responsible for this SDS 1.4. Emergency telephone number (+49) (0)621-60-43333 SECTION 2: Hazards identification \*\*\* 2.1. Classification of the substance or mixture This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008. 2.2. Label elements Labelling according to regulation (EC) No 1272/2008 The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008. 2.3. Other hazards No special hazards have to be mentioned. SECTION 3: Composition/information on ingredients \*\*\* 3.2. Mixtures **Chemical characterization** Paint based on acrylic resins and on water Hazardous ingredients \*\*\* Poly(oxy-1,2-ethanediyl),a-phenyl-w-hydroxy-, styrenated CAS No. 104376-75-2 1 Concentration < 10 % >= Page 1(9) Page 36 of 53 Item Numbers: 01256-1009

MSDS for #01256 - MARABU					Page ?~
Safety data sheet in accorda		) No 1907	2006		
Trade name: Marabu-Textil pl	us 055, 50 ml Marabu-Te	xtil plus 0	55, 50 m	I	Marabu
		: 5/GB			Date revised: 13.07.2015
Substance number: 17150505	55 Replace	es Version	: 4/GB		Print date: 01.08.15
Classification (Regu	ation (EC) No. 1272/2008 Aquatic Chronic 3	) H412			
2,2'-Oxybisethanol					
CAS No.	111-46-6				
EINECS no. Registration no.	203-872-2 01-2119457857-21				
Concentration	>= 1	<	10	%	
Classification (Regul	ation (EC) No. 1272/2008	)			
Classification (regu	Acute Tox. 4	, H302			
	STOT RE 2	H373			
SECTION 4: First aid	l measures				
4.1. Description of firs					
After skin contact					
Wash with plenty of	water and soap. Do NOT	use solver	ts or thir	nners.	
After eye contact					
	ash the eyes thoroughly w	ith water (	15 min.).	In case of i	irritation consult an oculist.
After ingestion Rinse mouth thoroug	hly with water. If larger ar	nounts are	swallow	ved or in the	e event of symptoms take
medical treatment.		h - (h			
4.2. Most important sy Until now no sympto	-	, both ac	ute an	d delaye	d
4.3. Indication of any in	mmediate medical at	tention	and sp	ecial trea	atment needed
Hints for the physic	an / treatment				
Treat symptomatical	ly				
SECTION 5: Firefigh	ting measures				
5.1. Extinguishing med Suitable extinguishi					
Carbon dioxide, Foa	-				
5.2. Special hazards an In the event of fire th	ising from the subs				bon monoxide (CO); dense
black smoke	10 × 0				
5.3. Advice for firefight Other information					
	d fire-fighting water separa	tely, must	not be d	lischarged i	nto the drains.
SECTION 6: Accider	ntal release meas	ures			
6.1. Personal precaution		oment ai	nd eme	ergency p	orocedures
6.2. Environmental pre No particular measu					
	5				

MSDS for #01256 - MARABU TEXTI	L PLUS				Page ?
Safety data sheet in accordance w	ith regulation	(EC) No 1907/2	2006		
Frade name: Marabu-Textil plus 055		ou-Textil plus 05 rsion: 5 / GB	5, 50 ml	Date revis	Marabu ed: 13.07.2015
Substance number: 171505055	Re	places Version:	4 / GB	Print	date: 01.08.15
<ul> <li>6.3. Methods and material ferrit Clean preferably with a det</li> <li>6.4. Reference to other sect</li> </ul>	ergent - avoid				
Information regarding Safe see Section 8. Information	handling, see regarding was	Section 7. Infor te disposal, see	mation regarding Section 13.	personal protectiv	e measures,
SECTION 7: Handling an	d storage	-			
7.1. Precautions for safe ha	ndling				
Advice on safe handling	_				
Avoid skin and eye contact	. Smoking, eat	ing and drinking	shall be prohibite	ed in application a	rea.
Advice on protection agai No special measures requi		explosion			
7.2. Conditions for safe stor	rage, includ	ling any inco	ompatibilities		
Requirements for storage Store in frostfree conditions	rooms and		•		
7.3. Specific end use(s)					
7.3. Specific end use(s)					
Paint					
	ontrols/pe	rsonal pro	<u>tection</u>		
Paint SECTION 8: Exposure co	ontrols/pe	rsonal pro	tection		
Paint SECTION 8: Exposure co 8.1. Control parameters	ontrols/pe	rsonal pro	<u>tection</u>		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values	ontrols/pe	rsonal pro	<u>tection</u>		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol		rsonal pro	<u>tection</u>		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List	ontrols/pe EH40 WEL	rsonal pro	<u>tection</u>		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol	EH40	rsonal pro	tection 23	ppm(V)	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type	EH40 WEL			ppm(V)	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain	EH40 WEL 101 n alkanes, >=0	mg/m³		ppm(V)	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List	EH40 WEL 101 n alkanes, >=0 EH40	mg/m³ C <b>7</b>		ppm(V)	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value	EH40 WEL 101 n alkanes, >=0	mg/m³		ppm(V)	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7	EH40 WEL 101 n <b>alkanes, &gt;=0</b> EH40 1200	mg/m³ C <b>7</b>		ppm(V)	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List	EH40 WEL 101 n <b>alkanes, &gt;=(</b> EH40 1200 EH40	mg/m³ C7 mg/m³		ppm(V)	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800	mg/m³ C <b>7</b>		ppm(V)	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List	EH40 WEL 101 n <b>alkanes, &gt;=(</b> EH40 1200 EH40	mg/m³ C7 mg/m³			
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³	23 900	ppm(V) ppm(V)	
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value List Value Value Value Cycloalkanes, >=C7 List Value Value Value Value Value	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³ mg/m³	23 900		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m <sup>3</sup> <b>C7</b> mg/m <sup>3</sup> mg/m <sup>3</sup> 1200	23 900		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m <sup>3</sup> <b>C7</b> mg/m <sup>3</sup> mg/m <sup>3</sup> 1200	23 900		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 1200	23 900		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 1200	23 900		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 1200	23 900		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu Derived No/Minimal Effect	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 barameters. EL/DMEL)	23 900		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP urther control p t Levels (DN Derived Worker Long ter	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 varameters. EL/DMEL) No Effect Level	23 900		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure Route of exposure	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP urther control p t Levels (DN Derived Worker Long ter inhalativ	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 Parameters. EL/DMEL) No Effect Level	23 900		
Paint SECTION 8: Exposure co 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any fu Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	EH40 WEL 101 n alkanes, >=0 EH40 1200 EH40 800 HTP urther control p t Levels (DN Derived Worker Long ter inhalativ Local ef	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 1200 Parameters. EL/DMEL) No Effect Level	23 900 (DNEL)		

rade name: Marabu-Textil plus 055	, 50 ml Marabu-Textil plus 055, 50 ml Version: 5 / GB	Marabu Date revised: 13.07.2015
ubstance number: 171505055	Replaces Version: 4 / GB	Print date: 01.08.15
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	106	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	12	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action Concentration	Systemic effects 53	mg/kg/d
Concentration	33	ilig/kg/d
Predicted No Effect Conce	entration (PNEC)	
2,2'-Oxybisethanol		
Type of value	PNEC	
Туре	Freshwater	
Concentration	10	mg/l
Type of value	PNEC	
Туре	Saltwater	
Concentration	1	mg/l
Type of value	PNEC	
Type	Water (intermittent release)	
Concentration	10	mg/l
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	199,5	mg/l
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	20,9	mg/kg
Type of value	PNEC	
Туре	Marine sediment	
Concentration	2,09	mg/kg
Type of value	PNEC	
Туре	Soil	
Concentration	1,53	mg/kg
9.2 Expedito controla		
8.2. Exposure controls		

ISDS for #01256 - MARABU TEXTI	L PLUS				Page 40	
afety data sheet in accordance w	ith regulation (EC) No	o 1907/2	2006			
ade name: Marabu-Textil plus 055	, 50 ml Marabu-Textil	plus 05	5, 50 ml		Marab	
	Version: 5 / GB					
ubstance number: 171505055	Replaces \	/ersion:	4 / GB		Print date: 01.08.15	
SECTION 9: Physical and	d chemical pro	<u>oertie</u>	S			
9.1. Information on basic ph	vsical and chemi	cal pro	operties			
Form	liquid	•	•			
Colour	coloured					
Odour	odourless					
Odour threshold						
Remarks	No data availabl	е				
pH value						
Value Temperature	7 20	to °C	9			
Method	20 WTW PH 340	C				
Melting point						
Remarks	not determined					
Freezing point						
Remarks	not determined					
Initial boiling point and bo	oiling range					
Value	appr. 100			°C		
Pressure	1.013	hPa				
Source	Literature value					
Flash point Remarks	Not appliable					
	Not applicable					
Evaporation rate (ether = ' Remarks	not determined					
Flammability (solid, gas)	not determined					
Not applicable						
Upper/lower flammability	or explosive limits					
Remarks	not determined					
Vapour pressure						
Value	appr. 23			hPa		
Temperature	20	°C				
Method	Value taken from	m the lite	erature			
Vapour density						
Remarks	not determined					
Density	4.000					
Value Temperature	1,220 20	°C		g/cm³		
Method	DIN EN ISO 281					
Solubility in water						
Remarks	miscible					
Ignition temperature						
Remarks	not determined					
Viscosity						
dynamic						
Value	10000	to	25000	mPa.s		
Temperature	20 Brookfield	°C				
Method	Brookfield					

		Page 2
MSDS for #01256 - MARABU TEXTIL P		
Safety data sheet in accordance with	regulation (EC) No 1907/2006	
Trade name: Marabu-Textil plus 055, 50	0 ml Marabu-Textil plus 055, 50 ml Version: 5 / GB	Marabu Date revised: 13.07.2015
Substance number: 171505055	Replaces Version: 4 / GB	Print date: 01.08.15
<ul> <li>9.2. Other information Other information None known</li> <li>SECTION 10: Stability and</li> <li>10.1. Reactivity None</li> <li>10.2. Chemical stability No hazardous reactions known</li> <li>10.3. Possibility of hazardous No hazardous reactions known</li> <li>10.4. Conditions to avoid No hazardous reactions known</li> <li>10.5. Incompatible materials None</li> </ul>	reactivity n. reactions n. n.	
<b>10.6. Hazardous decomposition</b> No hazardous decomposition		
SECTION 11: Toxicologica	l information	
11.1. Information on toxicolog	ical effects	
Acute oral toxicity		
	> 2.000 mg/kg calculated value (Regulation (EC) No. 1272/	
Experience in practice		
Provided all the recommended risk to health can be expected	d protective and safety precautions are taker	n, experience shows that no
Other information		
There are no data available or The mixture has been assesse 1272/2008 and not classified.	n the mixture itself. ed following the additivity method of the CLP	'Regulation (EC) No
SECTION 12: Ecological in	formation	
12.1. Toxicity		
General information		
mixture has been assessed fo	n the mixture itself.Do not allow to enter drain Ilowing the summation method of the CLP R rous for the environment, but contains subst or details.	Regulation (EC) No 1272/2008

## 12.2. Persistence and degradability

# **General information**

There are no data available on the mixture itself.

### 12.3. Bioaccumulative potential

**General information** 

Item Numbers: 01256-1009

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# MSDS for #01256 - MARABU TEXTIL PLUS

#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 055, 50 ml Marabu-Textil plus 055, 50 ml

Version: 5 / GB

Substance number: 171505055

Replaces Version: 4 / GB

Date revised: 13.07.2015 Print date: 01.08.15

There are no data available on the mixture itself.

### 12.4. Mobility in soil

#### General information

There are no data available on the mixture itself.

# 12.5. Results of PBT and vPvB assessment

#### General information

There are no data available on the mixture itself.

### 12.6. Other adverse effects

#### General information

There are no data available on the mixture itself.

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

### **Disposal recommendations for the product**

The product can be placed with other household refuse. Small residues in containers can be washed-out with water and put into the drainage system.

### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste. Completely emptied packagings can be given for recycling.

# **SECTION 14: Transport information**

#### Land transport ADR/RID

Non-dangerous goods

14.1. UN number

# 14.2. UN proper shipping name

- - **14.3. Transport hazard class(es)** Class Label
- 14.4. Packing group
- Packing group
- 14.5. Environmental hazards

#### Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

#### 14.1. UN number UN -

14.2. UN proper shipping name

#### -14.3. Transport hazard class(es) Class Subsidiary risk 14.4. Packing group Packing group 14.5. Environmental hazards

no

#### Air transport ICAO/IATA



MSDS for #01256 - MARABU TEXTIL F Safety data sheet in accordance with		Page
Trade name: Marabu-Textil plus 055, 5		Marabu
	Version: 5 / GB	Date revised: 13.07.2015
Substance number: 171505055	Replaces Version: 4 / GB	Print date: 01.08.15
The product does not constitut 14.1. UN number	te a hazardous substance in air transport.	
UN - 14.2. UN proper shipping name	2	
۔ 14.3. Transport hazard class(es Class	s)	
Subsidiary risk	-	
14.4. Packing group		
Packing group 14.5. Environmental hazards	-	
Information for all modes of tr	ransport	
14.6. Special precautions for us	ser	
Transport within the user's pre		
	ntainers that are upright and secure. ing the product know what to do in the even	t of an accident or spillage.
Other information	ng to Annex II of MARPOL73/78 and the I	BC Code
no		
SECTION 15: Regulatory in	nformation ***	
15.1. Safety, health and enviro	onmental regulations/legislation s	pecific for the substance
or mixture	<b>·</b> · · ·	
VOC ***		
VOC (EU)	9,01 % 109,9 g/l	
Other information		
The product does not contain	substances of very high concern (SVHC).	
15.2. Chemical safety assess	nent	
-	al safety assessment has not been carried o	put.
SECTION 16: Other inform	ation	
Hazard statements listed in		
	•	
	Harmful if swallowed.	and or repeated exposure:
H373	•	
H373 H412	Harmful if swallowed. May cause damage to organs through prolo Harmful to aquatic life with long lasting effe	
H373 H412 CLP categories listed in Cha	Harmful if swallowed. May cause damage to organs through prolo Harmful to aquatic life with long lasting effe	
H373 H412 <b>CLP categories listed in Cha</b> Acute Tox. 4 Aquatic Chronic 3	Harmful if swallowed. May cause damage to organs through proto Harmful to aquatic life with long lasting effect apter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, chro	cts. onic, Category 3
H373 H412 <b>CLP categories listed in Cha</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2	Harmful if swallowed. May cause damage to organs through proto Harmful to aquatic life with long lasting effe apter 3 Acute toxicity, Category 4	cts. onic, Category 3
H373 H412 <b>CLP categories listed in Cha</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 <b>Supplemental information</b>	Harmful if swallowed. May cause damage to organs through proto Harmful to aquatic life with long lasting effect <b>apter 3</b> Acute toxicity, Category 4 Hazardous to the aquatic environment, chro Specific target organ toxicity - repeated exp	onic, Category 3 oosure, Category 2
H373 H412 <b>CLP categories listed in Cha</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 <b>Supplemental information</b> Relevant changes compared v	Harmful if swallowed. May cause damage to organs through proto Harmful to aquatic life with long lasting effect <b>apter 3</b> Acute toxicity, Category 4 Hazardous to the aquatic environment, chro Specific target organ toxicity - repeated exp with the previous version of the safety data s	cts. onic, Category 3 oosure, Category 2 sheet are marked with: ***
H373 H412 <b>CLP categories listed in Cha</b> Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 <b>Supplemental information</b> Relevant changes compared of This information is based on o	Harmful if swallowed. May cause damage to organs through proto Harmful to aquatic life with long lasting effect <b>apter 3</b> Acute toxicity, Category 4 Hazardous to the aquatic environment, chro Specific target organ toxicity - repeated exp	cts. onic, Category 3 oosure, Category 2 sheet are marked with: *** should not constitute a
H373 H412 CLP categories listed in Cha Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compared of This information is based on of guarantee for any specific pro- The information in this Safety	Harmful if swallowed. May cause damage to organs through proto Harmful to aquatic life with long lasting effect <b>apter 3</b> Acute toxicity, Category 4 Hazardous to the aquatic environment, chro Specific target organ toxicity - repeated exp with the previous version of the safety data so our present state of knowledge. However, it	cts. onic, Category 3 oosure, Category 2 sheet are marked with: *** should not constitute a ally valid relationship.
H373 H412 CLP categories listed in Cha Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compared of This information is based on of guarantee for any specific pro- The information in this Safety legislation.	Harmful if swallowed. May cause damage to organs through proto Harmful to aquatic life with long lasting effect <b>apter 3</b> Acute toxicity, Category 4 Hazardous to the aquatic environment, chro Specific target organ toxicity - repeated exp with the previous version of the safety data so our present state of knowledge. However, it duct properties and shall not establish a leg Data Sheet is based on the present state of	cts. onic, Category 3 oosure, Category 2 sheet are marked with: *** should not constitute a ally valid relationship. f knowledge and current
H373 H412 CLP categories listed in Cha Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compared of This information is based on of guarantee for any specific pro- The information in this Safety legislation. It provides guidance on health	Harmful if swallowed. May cause damage to organs through proto Harmful to aquatic life with long lasting effect <b>apter 3</b> Acute toxicity, Category 4 Hazardous to the aquatic environment, chro Specific target organ toxicity - repeated exp with the previous version of the safety data so our present state of knowledge. However, it is duct properties and shall not establish a leg	cts. onic, Category 3 oosure, Category 2 sheet are marked with: *** should not constitute a ally valid relationship. f knowledge and current product and should not be

rade name: Marabu-Textil plus 055, 50	Marab	
	Version: 5 / GB	Date revised: 13.07.201
ubstance number: 171505055	Replaces Version: 4 / GB	Print date: 01.08.15
for ensuring that the requiremen The information contained in this	e of the product are outside the supplier's on the of relevant legislation are complied with s safety data sheet does not constitute the other health and safety legislation.	٦.

MS	DS	for #0	1256	- MARAB	U TEXT	IL PLUS	\$		
-	-								

# Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 015, 50 ml Marabu-Textil plus 015, 50 ml

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

Version: 5/GB

Date revised: 09.07.2015

Substance number: 171505015

company/undertaking

Replaces Version: 4 / GB

Print date: 13.07.15

age

#### 1.1. Product identifier Marabu-Textil plus 015, 50 ml Marabu-Textil plus 015, 50 ml 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/preparation Paint Identified Uses SU21 Consumer uses: Private households (= general public = consumers) PC9a Coatings and paints, thinners, paint removers 1.3. Details of the supplier of the safety data sheet Address Marabu GmbH & Co. KG Asperger Strasse 4 71732 Tamm Germany +49-7141/691-0 Telephone no. Fax no. +49-7141/691-147 Information provided Department product safety by / telephone E-mail address of PRSI@marabu.de person responsible for this SDS 1.4. Emergency telephone number (+49) (0)621-60-43333 SECTION 2: Hazards identification \*\*\* 2.1. Classification of the substance or mixture This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008. 2.2. Label elements Labelling according to regulation (EC) No 1272/2008 The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008. 2.3. Other hazards No special hazards have to be mentioned. SECTION 3: Composition/information on ingredients \*\*\* 3.2. Mixtures **Chemical characterization** Paint based on acrylic resins and on water Hazardous ingredients \*\*\* Poly(oxy-1,2-ethanediyl),a-phenyl-w-hydroxy-, styrenated CAS No. 104376-75-2 1 Concentration < 10 % >= Page 1(9) Page 45 of 53 Item Numbers: 01256-1009

MSDS for #01256 - MARABU	TEXTIL PLUS			Page 4
Safety data sheet in accorda		No 1907/2006		
Trade name: Marabu-Textil pl			ml	Marabu
	Version:			Date revised: 09.07.2015
Substance number: 17150501	5 Replaces	Version: 4/0	B	Print date: 13.07.15
Classification (Regul	ation (EC) No. 1272/2008)			
Chacomodition (110gai	Aquatic Chronic 3	H412		
2,2'-Oxybisethanol				
CAS No.	111-46-6			
EINECS no. Registration no.	203-872-2 01-2119457857-21			
Concentration	>= 1	< 10	%	
Classification (Regul	ation (EC) No. 1272/2008)			
Classification (rega	Acute Tox. 4	H302		
	STOT RE 2	H373		
SECTION 4: First aid	Imogeuros			
4.1. Description of first				
After skin contact				
	water and soap. Do NOT us	se solvents or t	hinners	
After eye contact				
-	sh the eyes thoroughly with	n water (15 mir	.). In case of i	rritation consult an oculist.
After ingestion	, , , , , , , , , , , , , , , , , , , ,	Υ.	,	
-	hly with water. If larger am	ounts are swall	owed or in the	event of symptoms take
<b>4.2. Most important syn</b> Until now no sympton	-	both acute a	and delayed	k
4.3. Indication of any in		ention and	special trea	tment needed
-			special frea	itilient needed
Hints for the physici Treat symptomatical				
	-			
SECTION 5: Firefigh				
5.1. Extinguishing med				
Suitable extinguishin Carbon dioxide, Foar	-			
5.2. Special hazards ar In the event of fire th black smoke; Hydrog	e following can be released			rbon dioxide (CO2); dense
5.3. Advice for firefight	ers			
Other information	I fire-fighting water separate	ely, must not be	e discharged ir	nto the drains.
SECTION 6: Accider	<u>ital rele</u> ase measu	<u>res</u>		
6.1. Personal precaution	ons, protective equip		nergency p	rocedures

MSDS for #01256 - MARABU TEXTIL	PLUS			Page 2
Safety data sheet in accordance wit	h regulation	(EC) No 1907	/2006	
Trade name: Marabu-Textil plus 015,		ou-Textil plus 0 rsion: 5 / GB	15, 50 ml	Mara Date revised: 09.07.20
Substance number: 171505015	Re	places Versior	n: 4/GB	Print date: 13.07.1
6.3. Methods and material for Clean preferably with a deter	gent - avoid			
6.4. Reference to other section Information regarding Safe h see Section 8. Information re	andling, see			personal protective measures,
SECTION 7: Handling and	storage			
7.1. Precautions for safe han	dling			
Advice on safe handling Avoid skin and eye contact. S Advice on protection again No special measures require	st fire and	•	ng shall be prohibite	ed in application area.
7.2. Conditions for safe stora Requirements for storage r Store in frostfree conditions.	-		ompatibilities	
7.2 Spootto and uso(c)				
7.3. Specific end use(s) Paint SECTION 8: Exposure cor	ntrols/pe	rsonal pro	otection	
Paint	ntrols/pe	rsonal pro	otection	
Paint SECTION 8: Exposure con	ntrols/pe	rsonal pro	otection	
Paint SECTION 8: Exposure cor 8.1. Control parameters		rsonal pro	otection	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List	EH40	rsonal pro	otection	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type	EH40 WEL			2000 (A ()
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value	EH40	mg/m <sup>3</sup>	otection 23	ppm(V)
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011	EH40 WEL 101	mg/m³		ppm(V)
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value	EH40 WEL 101	mg/m³		ppm(V)
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value	EH40 WEL 101 alkanes, >=0	mg/m³		ppm(V)
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7	EH40 WEL 101 <b>alkanes, &gt;=0</b> EH40 1200	mg/m³ C7		ppm(V)
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40	mg/m³ C7 mg/m³		ppm(V)
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7		ppm(V)
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40	mg/m³ C7 mg/m³	23	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³	23 900	ppm(V) ppm(V)
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value List Value Value Cycloalkanes, >=C7	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800	mg/m³ C7 mg/m³ mg/m³	23 900	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 120	23 900	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 120	23 900	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 120	23 900	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 120 barameters. EL/DMEL)	23 900	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP	mg/m³ C7 mg/m³ mg/m³ 120	23 900	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP ther control p Levels (DN Derived Worker Long ter	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 120 varameters. EL/DMEL) No Effect Leve	23 900	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol Type of value Reference group Duration of exposure Route of exposure	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP ther control p Levels (DN Derived Worker Long ter inhalativ	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 120 Parameters. EL/DMEL) No Effect Leve	23 900	
Paint SECTION 8: Exposure con 8.1. Control parameters Exposure limit values 2,2'-Oxybisethanol List Type Value Status: 2011 Normal and branched chain a List Value Cycloalkanes, >=C7 List Value List Value Short term exposure limit Maximum limit value: ppm Other information There are not known any furt Derived No/Minimal Effect I 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	EH40 WEL 101 alkanes, >=0 EH40 1200 EH40 800 HTP ther control p Levels (DN Derived Worker Long ter inhalativ Local ef	mg/m <sup>3</sup> C7 mg/m <sup>3</sup> mg/m <sup>3</sup> 120 Parameters. EL/DMEL) No Effect Leve	23 900 91 (DNEL)	

fety data sheet in accordance w	ith regulation (EC) No 1907/2006	
ade name: Marabu-Textil plus 015	, 50 ml Marabu-Textil plus 015, 50 ml Version: 5 / GB	Mara Date revised: 09.07.201
bstance number: 171505015	Replaces Version: 4 / GB	Print date: 13.07.1
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	106	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	12	mg/m³
		<u> </u>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	53	mg/kg/d
Predicted No Effect Conce	entration (PNEC)	
2,2'-Oxybisethanol		
Type of value	PNEC	
Туре	Freshwater	
Concentration	10	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	1	mg/l
Conconnation		
Type of value	PNEC	
Туре	Water (intermittent release)	_
Concentration	10	mg/l
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	199,5	mg/l
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	20,9	mg/kg
Type of value	PNEC	
Туре	Marine sediment	
Concentration	2,09	mg/kg
Type of value	PNEC	
Type Concentration	Soil 1,53	mg/kg
Concentration	1,00	ilig/kg
.2. Exposure controls		

SDS for #01256 - MARABU TEXTIL	PLUS				Page 40
afety data sheet in accordance wi	th regulation (EC) No	b 1907/2	2006		
ade name: Marabu-Textil plus 015,	50 ml Marabu-Textil	plus 01	5, 50 ml		Marab
	Version: 5 / GB				Date revised: 09.07.201
ubstance number: 171505015	Replaces V	ersion:	4 / GB		Print date: 13.07.15
			_		
ECTION 9: Physical and					
9.1. Information on basic ph	-	cal pro	operties		
Form Colour	liquid coloured				
Odour	odourless				
	ououness				
Odour threshold	<b>N</b> I I <i>L</i> I I I I				
Remarks	No data available	e			
pH value	_				
Value	7 20	to °C	9		
Temperature Method	20 WTW PH 340	C			
Melting point					
Remarks	not determined				
	not determined				
Freezing point Remarks	not determined				
Initial boiling point and bo				° <b>0</b>	
Value Pressure	appr. 100 1.013	hPa		°C	
Source	Literature value	in a			
Flash point					
Remarks	Not applicable				
Evaporation rate (ether = 1					
Remarks	not determined				
Flammability (solid, gas)	not determined				
Not applicable					
Upper/lower flammability on Remarks	-				
	not determined				
Vapour pressure				<b>b</b> D -	
Value Temperature	appr. 23 20	°C		hPa	
Method	Value taken fror	-	erature		
Vapour density					
Remarks	not determined				
Density					
Value	1,240			g/cm <sup>3</sup>	
Temperature	20	°C		9,011	
Method	DIN EN ISO 281	-			
Solubility in water					
Remarks	miscible				
Ignition temperature					
Remarks	not determined				
Viscosity					
•					
<b>dynamic</b> Value	10000	to	25000	mPa.s	
Temperature	20	°C	20000	0.5	
Method	Brookfield				

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		Bowy FO of f	
MSDS for #01256 - MARABU TEXTIL PLUS		Page En of t	
Safety data sheet in accordance with	regulation (EC) No 1907/2006		
Trade name: Marabu-Textil plus 015, 50	0 ml Marabu-Textil plus 015, 50 ml	Maraba	
	Version: 5/GB	Date revised: 09.07.2015	
Substance number: 171505015	Replaces Version: 4 / GB	Print date: 13.07.15	
9.2. Other information			
Other information			
None known			
SECTION 10: Stability and	reactivity		
10.1. Reactivity			
None			
10.2. Chemical stability			
No hazardous reactions knowr	n.		
10.3. Possibility of hazardous	reactions		
No hazardous reactions knowr			
10.4. Conditions to avoid			
No hazardous reactions knowr	n.		
10.5. Incompatible materials None			
10.6. Hazardous decompositio	on products		
No hazardous decomposition			
SECTION 11. Toxicologica	Linformation		
SECTION 11: Toxicologica			
11.1. Information on toxicolog	ical effects		
Acute oral toxicity			
	> 2.000 mg/kg calculated value (Regulation (EC) No. 1272/2		
Experience in practice		2008)	
· · ·	protective and safety precautions are taken	, experience shows that no	
risk to health can be expected.		· •	
Other information			
There are no data available or	the mixture itself. ed following the additivity method of the CLP	Population (EC) No	
1272/2008 and not classified.		Regulation (LC) No	
SECTION 12: Ecological in	formation		
12.1. Toxicity			
General information			
There are no data available or	the mixture itself.Do not allow to enter drain	s or water courses.The	

There are no data available on the mixture itself.Do not allow to enter drains or water courses.The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details.

### 12.2. Persistence and degradability

## **General information**

There are no data available on the mixture itself.

### 12.3. Bioaccumulative potential

**General information** 

# MSDS for #01256 - MARABU TEXTIL PLUS

#### Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu-Textil plus 015, 50 ml Marabu-Textil plus 015, 50 ml

Version: 5 / GB

Substance number: 171505015

Replaces Version: 4 / GB

Marabu Date revised: 09.07.2015

Print date: 13.07.15

au

There are no data available on the mixture itself.

### 12.4. Mobility in soil

#### General information

There are no data available on the mixture itself.

# 12.5. Results of PBT and vPvB assessment

#### General information

There are no data available on the mixture itself.

### 12.6. Other adverse effects

#### General information

There are no data available on the mixture itself.

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

### **Disposal recommendations for the product**

The product can be placed with other household refuse. Small residues in containers can be washed-out with water and put into the drainage system.

### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste. Completely emptied packagings can be given for recycling.

# **SECTION 14: Transport information**

#### Land transport ADR/RID

Non-dangerous goods

14.1. UN number

# 14.2. UN proper shipping name

- - **14.3. Transport hazard class(es)** Class Label
- 14.4. Packing group
- Packing group
- 14.5. Environmental hazards

#### Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

- 14.1. UN number
- UN -14.2. UN proper shipping name

# **14.3. Transport hazard class(es)** Class Subsidiary risk **14.4. Packing group** Packing group

14.5. Environmental hazards

## Air transport ICAO/IATA

batety data sheet in accordance w	IL PLUS /ith regulation (EC) No 1907/2006	Page 50 - 1
Safety data sheet in accordance with regulation (EC) No 1907/2006 Trade name: Marabu-Textil plus 015, 50 ml Marabu-Textil plus 015, 50 ml		Marabe
	Version: 5/GB	Date revised: 09.07.2015
Substance number: 171505015	Replaces Version: 4 / GB	Print date: 13.07.15
The product does not cons	titute a hazardous substance in air transpo	rt.
14.1. UN number UN -		
14.2. UN proper shipping na	me	
- 14.3. Transport hazard class Class	s(es)	
Subsidiary risk	-	
14.4. Packing group Packing group	_	
14.5. Environmental hazards	5	
Information for all modes of		
<b>14.6. Special precautions for</b> Transport within the user's		
	containers that are upright and secure.	
Ensure that persons transp	porting the product know what to do in the e	event of an accident or spillage.
Other information		
no	rding to Annex II of MARPOL73/78 and t	
10		
SECTION 15: Regulatory	information ***	
4E 4 Cofety health and any	vironmental regulations/legislation	e eventie far the automas
15.1. Safety, nealth and env	Tronmental requiations/legislatio	n specific for the substance
	rironmental regulations/legislation	n specific for the substance
		n specific for the substance
or mixture		g/l
or mixture VOC ***		-
or mixture VOC *** VOC (EU) Other information		- g/l
or mixture VOC *** VOC (EU) Other information The product does not conta	8,91 % 110,5 g	- g/l
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses	8,91 % 110,5 g	- g/l C).
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem	8,91 % 110,5 g ain substances of very high concern (SVH0 <b>ssment</b> nical safety assessment has not been carri	- g/l C).
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem	8,91 % 110,5 g ain substances of very high concern (SVH0 <b>ssment</b> nical safety assessment has not been carri	- g/l C).
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed	8,91 % 110,5 g ain substances of very high concern (SVH0 ssment nical safety assessment has not been carri mation in Chapter 3	- g/l C).
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri <u>mation</u> in Chapter 3 Harmful if swallowed.	g/l C). ed out.
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri <u>mation</u> in Chapter 3 Harmful if swallowed. May cause damage to organs through p	g/l C). ed out. prolonged or repeated exposure:
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373 H412	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting	g/l C). ed out. prolonged or repeated exposure:
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting	g/l C). ed out. prolonged or repeated exposure:
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373 H412 CLP categories listed in C Acute Tox. 4 Aquatic Chronic 3	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting Chapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment,	g/l c). ed out. prolonged or repeated exposure: effects. chronic, Category 3
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373 H412 CLP categories listed in C Acute Tox. 4 Aquatic Chronic 3 STOT RE 2	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting Chapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, Specific target organ toxicity - repeated	g/l c). ed out. prolonged or repeated exposure: effects. chronic, Category 3
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373 H412 CLP categories listed in C Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting Chapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, Specific target organ toxicity - repeated	g/l c). ed out. prolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373 H412 CLP categories listed in C Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compare	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting Chapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, Specific target organ toxicity - repeated a	g/l c). ed out. prolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2 ata sheet are marked with: ***
or mixture VOC **** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373 H412 CLP categories listed in O Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compare This information is based o guarantee for any specific p	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting Chapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, Specific target organ toxicity - repeated a ed with the previous version of the safety d on our present state of knowledge. Howeve product properties and shall not establish a	g/l C). ed out. prolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2 ata sheet are marked with: *** r, it should not constitute a a legally valid relationship.
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373 H412 CLP categories listed in O Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compare This information is based o guarantee for any specific p The information in this Safe	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting Chapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, Specific target organ toxicity - repeated a	g/l C). ed out. prolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2 ata sheet are marked with: *** r, it should not constitute a a legally valid relationship.
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373 H412 CLP categories listed in O Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compare This information is based o guarantee for any specific p The information in this Safe legislation.	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting Chapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, Specific target organ toxicity - repeated a bed with the previous version of the safety d on our present state of knowledge. However product properties and shall not establish a	g/l C). ed out. prolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2 ata sheet are marked with: *** r, it should not constitute a a legally valid relationship. te of knowledge and current
or mixture VOC *** VOC (EU) Other information The product does not conta 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed H302 H373 H412 CLP categories listed in C Acute Tox. 4 Aquatic Chronic 3 STOT RE 2 Supplemental information Relevant changes compare This information is based o guarantee for any specific p The information in this Safe legislation. It provides guidance on hea	8,91 % 110,5 g ain substances of very high concern (SVHC ssment nical safety assessment has not been carri mation in Chapter 3 Harmful if swallowed. May cause damage to organs through p Harmful to aquatic life with long lasting Chapter 3 Acute toxicity, Category 4 Hazardous to the aquatic environment, Specific target organ toxicity - repeated a ed with the previous version of the safety d on our present state of knowledge. Howeve product properties and shall not establish a	g/l c). ed out. prolonged or repeated exposure: effects. chronic, Category 3 exposure, Category 2 ata sheet are marked with: *** r, it should not constitute a a legally valid relationship. te of knowledge and current he product and should not be

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ulation (EC) No 1907/2006	
Marabu-Textil plus 015, 50 ml Version: 5 / GB	Marab Date revised: 09.07.201
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the product are outside the supplier's of relevant legislation are complied with afety data sheet does not constitute the per health and safety legislation.	ı.
	ulation (EC) No 1907/2006 Marabu-Textil plus 015, 50 ml Version: 5 / GB Replaces Version: 4 / GB