

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

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 *****Bronopol (INN)**

CAS No. 52-51-7

EINECS no. 200-143-0

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Concentration >= 0,01 < 0,1 %

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

Eye Dam. 1	H318
Skin Irrit. 2	H315
STOT SE 3	H335
Acute Tox. 4	H302
Acute Tox. 4	H312
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	H301
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	M = 100
Aquatic Chronic 1	H410	M = 10

1

SECTION 4: First aid measures**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

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Foam, Sand, Water

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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 (NO_x)

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**

liquid

Colour

coloured

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Odour	odourless			
Odour threshold	No data available			
Remarks	No data available			
pH value				
Value	7	to	9	
Temperature	20	°C		
Method	WTW PH 340			
Melting point	not determined			
Remarks	not determined			
Freezing point	not determined			
Remarks	not determined			
Initial boiling point and boiling range				
Value	appr. 100			°C
Pressure	1.013	hPa		
Source	Literature value			
Flash point	Not applicable			
Remarks	Not applicable			
Evaporation rate (ether = 1) :	not determined			
Remarks	not determined			
Flammability (solid, gas)	Not applicable			
Remarks	Not applicable			
Upper/lower flammability or explosive limits	not determined			
Remarks	not determined			
Vapour pressure				
Value	appr. 23			hPa
Temperature	20	°C		
Method	Value taken from the literature			
Vapour density	not determined			
Remarks	not determined			
Density				
Value	1,4			g/cm ³
Temperature	20	°C		
Method	DIN EN ISO 2811			
Solubility in water	miscible			
Remarks	miscible			
Ignition temperature	not determined			
Remarks	not determined			
Viscosity				
dynamic				
Value	10000	to	25000	mPa.s
Temperature	20	°C		
Method	Brookfield			

9.2. Other information**Other information**

None known

SECTION 10: Stability and reactivity

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**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**

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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

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

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

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Packing group -

14.5. Environmental hazards

-

Information for all modes of transport**14.6. Special precautions for user**

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

no

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

VOC (EU) 0 % 0 g/l

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 3	Acute toxicity, Category 3
Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be

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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 workplace risks, as required by other health and safety legislation.

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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

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

Concentration >= 1 < 10 %

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Classification (Regulation (EC) No. 1272/2008)
 Aquatic Chronic 3 H412

2,2'-Oxybisethanol

CAS No. 111-46-6
 EINECS no. 203-872-2
 Registration no. 01-2119457857-21
 Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 4 H302
 STOT RE 2 H373

SECTION 4: First aid measures**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

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Foam, Sand, Water

5.2. Special hazards arising from the substance or mixtureIn the event of fire the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); dense black smoke**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.

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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****Exposure limit values****2,2'-Oxybisethanol**

List	EH40				
Type	WEL				
Value	101	mg/m ³	23		ppm(V)
Status:	2011				

Normal and branched chain alkanes, >=C7

List	EH40				
Value	1200	mg/m ³			

Cycloalkanes, >=C7

List	EH40				
Value	800	mg/m ³			
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				
Concentration	60				mg/m ³

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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/m ³
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 Concentration (PNEC)**2,2'-Oxybisethanol**

Type of value	PNEC	
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	
Type	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**Exposure controls**

Provide adequate ventilation.

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

Form	liquid
Colour	coloured
Odour	odourless
Odour threshold	
Remarks	No data available
pH value	
Value	7 to 9
Temperature	20 °C
Method	WTW PH 340
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Initial boiling point and boiling 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)	
Remarks	Not applicable
Upper/lower flammability or explosive limits	
Remarks	not determined
Vapour pressure	
Value	appr. 23 hPa
Temperature	20 °C
Method	Value taken from the literature
Vapour density	
Remarks	not determined
Density	
Value	1,220 g/cm ³
Temperature	20 °C
Method	DIN EN ISO 2811
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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Marabu

9.2. Other information

Other information

None known

SECTION 10: Stability and reactivity

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

Acute oral toxicity

ATE	>	2.000	mg/kg
Method		calculated value (Regulation (EC) No. 1272/2008)	

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, 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

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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

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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

Packing group -

14.5. Environmental hazards

-

Information for all modes of transport**14.6. Special precautions for user**

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

no

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

VOC (EU) 9,51 % 116,1 g/l

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H373	May cause damage to organs through prolonged or repeated exposure:
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be 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.

MSDS for #01256 - MARABU TEXTIL PLUS

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

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 workplace risks, as required by other health and safety legislation.

MSDS for #01256 - MARABU TEXTIL PLUS

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

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

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

Concentration >= 1 < 10 %

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

Classification (Regulation (EC) No. 1272/2008)
 Aquatic Chronic 3 H412

2,2'-Oxybisethanol

CAS No. 111-46-6
 EINECS no. 203-872-2
 Registration no. 01-2119457857-21
 Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 4 H302
 STOT RE 2 H373

SECTION 4: First aid measures**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

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Foam, Sand, Water

5.2. Special hazards arising from the substance or mixtureIn the event of fire the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); dense black smoke**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.

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

**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****Exposure limit values****2,2'-Oxybisethanol**

List	EH40				
Type	WEL				
Value	101	mg/m ³	23		ppm(V)
Status:	2011				

Normal and branched chain alkanes, >=C7

List	EH40				
Value	1200	mg/m ³			

Cycloalkanes, >=C7

List	EH40				
Value	800	mg/m ³			
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				
Concentration	60				mg/m ³

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

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/m ³
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 Concentration (PNEC)**2,2'-Oxybisethanol**

Type of value	PNEC	
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	
Type	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**Exposure controls**

Provide adequate ventilation.

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

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

Form	liquid
Colour	coloured
Odour	odourless
Odour threshold	
Remarks	No data available
pH value	
Value	7 to 9
Temperature	20 °C
Method	WTW PH 340
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Initial boiling point and boiling 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)	
Remarks	Not applicable
Upper/lower flammability or explosive limits	
Remarks	not determined
Vapour pressure	
Value	appr. 23 hPa
Temperature	20 °C
Method	Value taken from the literature
Vapour density	
Remarks	not determined
Density	
Value	1,240 g/cm ³
Temperature	20 °C
Method	DIN EN ISO 2811
Solubility in water	
Remarks	miscible
Ignition temperature	
Remarks	not determined
Viscosity	
dynamic	
Value	10000 to 25000 mPa.s
Temperature	20 °C
Method	Brookfield

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



Marabu

9.2. Other information**Other information**

None known

SECTION 10: Stability and reactivity**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****Acute oral toxicity**

ATE	>	2.000	mg/kg
Method		calculated value (Regulation (EC) No. 1272/2008)	

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

Version: 5 / GB

Substance number: 171505032

Replaces Version: 4 / GB

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

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

MSDS for #01256 - MARABU TEXTIL PLUS

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

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

Packing group -

14.5. Environmental hazards

-

Information for all modes of transport**14.6. Special precautions for user**

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

no

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

VOC (EU) 8,9 % 110,4 g/l

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H373	May cause damage to organs through prolonged or repeated exposure:
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be 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.

MSDS for #01256 - MARABU TEXTIL PLUS

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

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 workplace risks, as required by other health and safety legislation.

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



Marabu

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

Concentration >= 1 < 10 %

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

Classification (Regulation (EC) No. 1272/2008)
 Aquatic Chronic 3 H412

2,2'-Oxybisethanol

CAS No. 111-46-6
 EINECS no. 203-872-2
 Registration no. 01-2119457857-21
 Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 4 H302
 STOT RE 2 H373

SECTION 4: First aid measures**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

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Foam, Sand, Water

5.2. Special hazards arising from the substance or mixtureIn the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); dense black smoke**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.

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



Marabu

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

Exposure limit values

2,2'-Oxybisethanol

List	EH40				
Type	WEL				
Value	101	mg/m ³	23	ppm(V)	
Status:	2011				

Normal and branched chain alkanes, >=C7

List	EH40				
Value	1200	mg/m ³			

Cycloalkanes, >=C7

List	EH40				
Value	800	mg/m ³			
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				
Concentration	60			mg/m ³	

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

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/m ³
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 Concentration (PNEC)**2,2'-Oxybisethanol**

Type of value	PNEC	
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	
Type	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**Exposure controls**

Provide adequate ventilation.

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

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

Form	liquid
Colour	coloured
Odour	odourless
Odour threshold	
Remarks	No data available
pH value	
Value	7 to 9
Temperature	20 °C
Method	WTW PH 340
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Initial boiling point and boiling 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)	
Remarks	Not applicable
Upper/lower flammability or explosive limits	
Remarks	not determined
Vapour pressure	
Value	appr. 23 hPa
Temperature	20 °C
Method	Value taken from the literature
Vapour density	
Remarks	not determined
Density	
Value	1,220 g/cm ³
Temperature	20 °C
Method	DIN EN ISO 2811
Solubility in water	
Remarks	miscible
Ignition temperature	
Remarks	not determined
Viscosity	
dynamic	
Value	10000 to 25000 mPa.s
Temperature	20 °C
Method	Brookfield

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

**9.2. Other information****Other information**

None known

SECTION 10: Stability and reactivity**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****Acute oral toxicity**

ATE	>	2.000	mg/kg
Method		calculated value (Regulation (EC) No. 1272/2008)	

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, 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 021, 50 ml Marabu-Textil plus 021, 50 ml

Version: 5 / GB

Substance number: 171505021

Replaces Version: 4 / GB

Date revised: 09.07.2015

Print date: 13.07.15



Marabu

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

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

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

Packing group -

14.5. Environmental hazards

-

Information for all modes of transport**14.6. Special precautions for user**

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

no

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

VOC (EU) 8,72 % 106,4 g/l

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H373	May cause damage to organs through prolonged or repeated exposure:
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be 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.

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

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 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 055, 50 ml Marabu-Textil plus 055, 50 ml

Version: 5 / GB

Date revised: 13.07.2015

Substance number: 171505055

Replaces Version: 4 / GB

Print date: 01.08.15

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

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 %

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

Substance number: 171505055

Replaces Version: 4 / GB

Print date: 01.08.15



Classification (Regulation (EC) No. 1272/2008)
Aquatic Chronic 3 H412

2,2'-Oxybisethanol

CAS No. 111-46-6
EINECS no. 203-872-2
Registration no. 01-2119457857-21
Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)
Acute Tox. 4 H302
STOT RE 2 H373

SECTION 4: First aid measures**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

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Foam, Sand, Water

5.2. Special hazards arising from the substance or mixtureIn the event of fire the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); dense black smoke**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.

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

Date revised: 13.07.2015

Substance number: 171505055

Replaces Version: 4 / GB

Print date: 01.08.15



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

Exposure limit values

2,2'-Oxybisethanol

List	EH40				
Type	WEL				
Value	101	mg/m ³	23		ppm(V)
Status:	2011				

Normal and branched chain alkanes, >=C7

List	EH40				
Value	1200	mg/m ³			

Cycloalkanes, >=C7

List	EH40				
Value	800	mg/m ³			
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				
Concentration	60				mg/m ³

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

Substance 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/m ³
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 Concentration (PNEC)**2,2'-Oxybisethanol**

Type of value	PNEC	
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	
Type	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**Exposure controls**

Provide adequate ventilation.

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

Substance number: 171505055

Replaces Version: 4 / GB

Print date: 01.08.15

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

Form	liquid
Colour	coloured
Odour	odourless
Odour threshold	
Remarks	No data available
pH value	
Value	7 to 9
Temperature	20 °C
Method	WTW PH 340
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Initial boiling point and boiling 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)	
Remarks	Not applicable
Upper/lower flammability or explosive limits	
Remarks	not determined
Vapour pressure	
Value	appr. 23 hPa
Temperature	20 °C
Method	Value taken from the literature
Vapour density	
Remarks	not determined
Density	
Value	1,220 g/cm ³
Temperature	20 °C
Method	DIN EN ISO 2811
Solubility in water	
Remarks	miscible
Ignition temperature	
Remarks	not determined
Viscosity	
dynamic	
Value	10000 to 25000 mPa.s
Temperature	20 °C
Method	Brookfield

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



Marabu

9.2. Other information**Other information**

None known

SECTION 10: Stability and reactivity**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****Acute oral toxicity**

ATE	>	2.000	mg/kg
Method		calculated value (Regulation (EC) No. 1272/2008)	

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, 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 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



Marabu

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

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

Date revised: 13.07.2015

Substance number: 171505055

Replaces Version: 4 / GB

Print date: 01.08.15

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

Packing group -

14.5. Environmental hazards

-

Information for all modes of transport**14.6. Special precautions for user**

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

no

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

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H373	May cause damage to organs through prolonged or repeated exposure:
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be 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.

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

Date revised: 13.07.2015

Substance number: 171505055

Replaces Version: 4 / GB

Print date: 01.08.15

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 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 015, 50 ml Marabu-Textil plus 015, 50 ml

Version: 5 / GB

Date revised: 09.07.2015

Substance number: 171505015

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 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

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 %

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

Date revised: 09.07.2015

Substance number: 171505015

Replaces Version: 4 / GB

Print date: 13.07.15

Classification (Regulation (EC) No. 1272/2008)
 Aquatic Chronic 3 H412

2,2'-Oxybisethanol

CAS No. 111-46-6
 EINECS no. 203-872-2
 Registration no. 01-2119457857-21
 Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 4 H302
 STOT RE 2 H373

SECTION 4: First aid measures**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

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Foam, Sand, Water

5.2. Special hazards arising from the substance or mixtureIn the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); dense black smoke; Hydrogen chloride (HCl)**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.

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

Date revised: 09.07.2015

Substance number: 171505015

Replaces Version: 4 / GB

Print date: 13.07.15

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****Exposure limit values****2,2'-Oxybisethanol**

List	EH40				
Type	WEL				
Value	101	mg/m ³	23		ppm(V)
Status:	2011				

Normal and branched chain alkanes, >=C7

List	EH40				
Value	1200	mg/m ³			

Cycloalkanes, >=C7

List	EH40				
Value	800	mg/m ³			
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				
Concentration	60				mg/m ³

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

Date revised: 09.07.2015

Substance number: 171505015

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/m ³
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 Concentration (PNEC)**2,2'-Oxybisethanol**

Type of value	PNEC	
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	
Type	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**Exposure controls**

Provide adequate ventilation.

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

Date revised: 09.07.2015

Substance number: 171505015

Replaces Version: 4 / GB

Print date: 13.07.15

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

Form	liquid
Colour	coloured
Odour	odourless
Odour threshold	
Remarks	No data available
pH value	
Value	7 to 9
Temperature	20 °C
Method	WTW PH 340
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Initial boiling point and boiling 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)	
Remarks	Not applicable
Upper/lower flammability or explosive limits	
Remarks	not determined
Vapour pressure	
Value	appr. 23 hPa
Temperature	20 °C
Method	Value taken from the literature
Vapour density	
Remarks	not determined
Density	
Value	1,240 g/cm ³
Temperature	20 °C
Method	DIN EN ISO 2811
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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**9.2. Other information****Other information**

None known

SECTION 10: Stability and reactivity**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****Acute oral toxicity**

ATE	>	2.000	mg/kg
Method		calculated value (Regulation (EC) No. 1272/2008)	

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, 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**

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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

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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

Packing group -

14.5. Environmental hazards

-

Information for all modes of transport**14.6. Special precautions for user**

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

no

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

VOC (EU) 8,91 % 110,5 g/l

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H373	May cause damage to organs through prolonged or repeated exposure:
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be 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.

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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 workplace risks, as required by other health and safety legislation.