



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

### **1.1. Product identifier**

Marabu-Textil plus 023, 15 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 by / telephone Department product safety

E-mail address of person responsible for this SDS PRSI@marabu.de

### **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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Version: 5 / GB

Date revised: 09.07.2015

Substance number: 171539023

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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 mixture**

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); 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 <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>		
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 <sup>3</sup>

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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 <sup>3</sup>

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**

<b>Form</b>	liquid
<b>Colour</b>	coloured
<b>Odour</b>	odourless
<b>Odour threshold</b>	
Remarks	No data available
<b>pH value</b>	
Value	7 to 9
Temperature	20 °C
Method	WTW PH 340
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point</b>	
Remarks	not determined
<b>Initial boiling point and boiling range</b>	
Value	appr. 100 °C
Pressure	1.013 hPa
Source	Literature value
<b>Flash point</b>	
Remarks	Not applicable
<b>Evaporation rate (ether = 1) :</b>	
Remarks	not determined
<b>Flammability (solid, gas)</b>	
Not applicable	
<b>Upper/lower flammability or explosive limits</b>	
Remarks	not determined
<b>Vapour pressure</b>	
Value	appr. 23 hPa
Temperature	20 °C
Method	Value taken from the literature
<b>Vapour density</b>	
Remarks	not determined
<b>Density</b>	
Value	1,240 g/cm <sup>3</sup>
Temperature	20 °C
Method	DIN EN ISO 2811
<b>Solubility in water</b>	
Remarks	miscible
<b>Ignition temperature</b>	
Remarks	not determined
<b>Viscosity</b>	
<b>dynamic</b>	
Value	10000 to 25000 mPa.s
Temperature	20 °C
Method	Brookfield



## 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) 8,97 % 111,2 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.