

Trade name: BöttcherFount S-3010+

Status: 18.03.2009

Product no.: 10833-4

Version: 1.1.0 / GB

1.) Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Trade name

BöttcherFount S-3010+

Use of the substance/preparation

damping solution

Company/undertaking identification

Address

Felix Böttcher GmbH & Co. KG
Stolberger Str. 351-353
D-50933 Köln

Telephone no. +49 (0) 221 4907-1

Fax no. +49 (0) 221 4907-444

Emergency telephone

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

Advice on Safety Data Sheet

sdb_info@umco.de

2.) Hazards identification

Hazard symbols

- N O N E

R phrases

- N O N E

Particular information pertaining specific risk for human / environment

The product does not require a hazard warning label in accordance with Directive 1999/45/EC. No special hazards have to be mentioned. But please observe the information given in this safety data sheet.

3.) Composition / information on ingredients

Chemical characterization

Mixture (preparation)

Hazardous ingredients

2-BUTOXYETHANOL

EC no.	203-905-0	Index no.	603-014-00-0	CAS no.	111-76-2
Concentration	> 1	< 5	%-b.w.		
Classification	Xn; R20/21/22	Xi; R36/38			
Hazard symbols	Xn	R phrases	20/21/22-36/38		

GLYCEROL

EC no.	200-289-5	Index no.	-	CAS no.	56-81-5
Concentration	> 10	< 30	%-b.w.		
Classification	-				
Hazard symbols	-	R phrases	-		

4.) First aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes

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immediately, and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

After skin contact

When in contact with the skin, clean with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Rinse mouth thoroughly with water. Seek medical advice immediately. Never give anything by mouth to an unconscious person.

5.) Fire-fighting measures**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

None known

Other information

Product itself does not burn. Adapt extinguisher and fire-fighting measures to fire in the environment.

6.) Accidental release measures**Personal precautions**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When picked up, treat material as prescribed under heading "Disposal considerations".

7.) Handling and storage**Handling****Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation, if necessary). Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

Advice on protection against fire and explosion

No special measures necessary.

Storage**Requirements for storage rooms and vessels**

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

Advice on storage assembly

Do not store together with:
Oxidizing agents
Acids

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place. Keep from freezing.

8.) Exposure controls / personal protection

Exposure limit values

2-BUTOXYETHANOL

CAS no. 111-76-2
 EC no. 203-905-0

2000/39/EWG

2-Butoxyethanol

TWA	98	mg/m ³	20	ml/m ³
STEL	246	mg/m ³	50	ml/m ³
Skin resorption / sensibilisation	Skin			

Occupational Exposure Standards (OESs) / EH40

2-Butoxyethanol

TWA	123	mg/m ³	25	ml/m ³
STEL		mg/m ³	50	ml/m ³
Skin resorption / sensibilisation	Sk			

GLYCEROL

CAS no. 56-81-5
 EC no. 200-289-5

Occupational Exposure Standards (OESs) / EH40

Glycerol mist

TWA	10	mg/m ³		
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Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Short term: filter apparatus, Filter A/P

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Eye protection

Safety glasses with side protection shield (EN 166)

Skin protection

Clothing as usual in the chemical industry.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.

9.) Physical and chemical properties

General information

Form	liquid
Colour	yellowish, opaque
Odour	characteristic

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Important health, safety and environmental information

Changes in physical state

Type	Boiling point		
Value	>	100	°C

Flash point

Remarks not applicable

Density

Value	1,10	g/cm ³
Reference temperature	20	°C

Solubility in water

Remarks miscible

pH value

Value 4,5 - 5,0

10.) Stability and reactivity

Materials to avoid

Oxidizing agents; Acids

Hazardous decomposition products

No hazardous decomposition products known.

Thermal decomposition

Remarks No decomposition if used as prescribed.

11.) Toxicological information

Experience in practice

Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin.

Other information (chapter 11.)

Product specific toxicological data are not known.

12.) Ecological information

Other adverse effects

Ecological data are not available.
Do not discharge product unmonitored into the environment.

13.) Disposal considerations

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

14.) Transport information

Other information (chapter 14.)

The product is not defined under national/international road, rail, sea and air transport regulations as a hazardous material.

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15.) Regulatory information

Labelling in accordance with EC directives

The product does not require a hazard warning label in accordance with EC Directive 1999/45/EC.

Hazard symbols

- NONE

R phrases

- NONE

S phrases

- NONE

Special labelling for certain preparations

"Safety data sheet available for professional user on request."

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

National regulations

Other regulations, restrictions and prohibition regulations

VOC content 4 %

16.) Other information

Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.
 Regulation (EC) No 1907/2006 (REACH) as amended in each case.
 EC Directives 2000/39/EC, 2006/15/EC as amended in each case.
 National Threshold Limit Values of the corresponding countries as amended in each case.
 Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.
 The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Relevant R-phrases (chapter 3):

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
 36/38 Irritating to eyes and skin.

Department issuing safety data sheet

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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.