

Trade name: BöttcherPro Calciumfix

Status: 20.07.2007

Product no.: 10806-18

Version: 2.2.0 / GB

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

Identification of the substance or preparation

Trade name

BöttcherPro Calciumfix

Use of the substance/preparation

Decalcifier gel for press rollers

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

Classification

Xi; R41 Risk of serious damage to eyes.
Xi; R38 Irritating to skin.

Hazard symbols

Xi Irritant

R phrases

38 Irritating to skin.
41 Risk of serious damage to eyes.

3.) Composition / information on ingredients

Chemical characterization

Mixture (preparation)

Hazardous ingredients

(2-METHOXYMETHYLETHOXY)PROPANOL

EC no.	252-104-2	Index no.	-	CAS no.	34590-94-8
Concentration	> 1	<	5	%-b.w.	
Classification	-				
Hazard symbols	-	R phrases	-		

DOCUSATE SODIUM

EC no.	209-406-4	Index no.	-	CAS no.	577-11-7
Concentration	> 10	<	30	%-b.w.	
Classification	Xi; R41	Xi; R38			
Hazard symbols	Xi	R phrases	38-41		

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lactic acid

EC no.	200-018-0	Index no.	-	CAS no.	50-21-5
Concentration	> 10	<	30	%-b.w.	
Classification	Xi; R38	Xi; R41			
Hazard symbols	Xi	R phrases		38-41	

4.) First aid measures

General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects consult a physician.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Eye treatment by an oculist.

After ingestion

Rinse mouth thoroughly with water. Summon a doctor immediately. Never give anything by mouth to an unconscious person.

5.) Fire-fighting measures

Suitable extinguishing media

Foam; Carbon dioxide; extinguishing powder; Water spray jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In the event of fire, the following can be released:

- Carbon dioxide (CO₂)
- Carbon monoxide (CO)

Special protective equipment for fire-fighters

Use self-contained breathing apparatus. Wear protective clothing.

6.) Accidental release measures

Personal precautions

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

Environmental precautions

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

Methods for cleaning up/taking up

Pick up mechanically. 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 as it is possible by the state of the art

Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

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
 Alkalies
 Metals

Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

8.) Exposure controls / personal protection

Exposure limit values

(2-METHOXYMETHYLETHOXY)PROPANOL

CAS no. 34590-94-8
 EC no. 252-104-2

2000/39/EWG

(2-Methoxymethylethoxy)-propanol

TWA	308	mg/m ³	50	ml/m ³
Skin resorption / sensibilisation	Skin			

Occupational Exposure Standards (OESs) / EH40

(2-Methoxymethylethoxy) propanol

TWA	308	mg/m ³	50	ml/m ³
Skin resorption / sensibilisation	Sk			

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 or drink during work - no smoking. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Have eye wash fountain available. Have emergency shower available.

9.) Physical and chemical properties

General information

Form	pasty
Colour	opaque; colourless
Odour	characteristic

Important health, safety and environmental information

Changes in physical state

Type	Boiling point		
Value	>	100	°C

Flash point

Value	>	100	°C
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Vapour pressure

Value	<	0,1	kPa
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Density

Value		1,07	g/cm ³
Reference temperature	20	°C	

Solubility in water

Remarks	miscible
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pH value

Value	>	2	
Reference temperature	20	°C	

10.) Stability and reactivity

Conditions to avoid

None known

Materials to avoid

Oxidizing agents; Alkalies; Metals

Hazardous decomposition products

No hazardous decomposition products known.

11.) Toxicological information

Experience in practice

The product can cause skin and eye irritation.

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.

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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.

15.) Regulatory information

Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC Directive 1999/45/EC.

Hazard symbols

Xi Irritant

R phrases

38 Irritating to skin.
 41 Risk of serious damage to eyes.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 37/39 Wear suitable gloves and eye/face protection.

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 < 2 %

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 2):

38 Irritating to skin.
 41 Risk of serious damage to eyes.

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.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

EC safety data sheet



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