

Trade name: Böttcherin 60

Status: 12.3.2004

Product no.: 10008

Version: 3.1.0 / GB

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

### Product details

#### Trade name

**Böttcherin 60**

#### Use

press cleaner

### Identification of the manufacturer / supplier

#### 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 number

+49 (0)30 192 40 (Toxic Substance Emergency Call Center Berlin)

## 2.) Composition / information on ingredients

### Chemical characterization

Mixture of dearomatized aliphatic hydrocarbons, emulgators and corrosion inhibitors

### Hazardous ingredients

#### NAPHTHA, HYDROTREATED HEAVY

EC no.	265-150-3	Index no.	649-327-00-6	CAS no.	64742-48-9
Concentration		<	100	%-b.w.	
Classification	Xn; R65				
Hazard symbols	Xn	R phrases	65-66		

## 3.) Hazards identification

### Classification

Xn; R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.

### Hazard symbols

Xn Harmful

### R phrases

65 Harmful: may cause lung damage if swallowed.  
66 Repeated exposure may cause skin dryness or cracking.

### Particular information pertaining specific risk for human / environment

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## 4.) First aid measures

### General information

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

### After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Summon a doctor immediately.

### After skin contact

Wash off immediately with soap and water.

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**After eye contact**

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

**After ingestion**

Do not induce vomiting - aspiration hazard. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side, with head down). Summon a doctor immediately.

**5.) Fire-fighting measures****Suitable extinguishing media**

Foam; extinguishing powder; Water spray jet; Carbon dioxide

**Extinguishing media that must not be used for safety reasons**

Full water jet

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

None known

**Special protective equipment for firefighting**

Use self-contained breathing apparatus. Wear protective clothing.

**Other information**

Cool endangered containers with water spray jet. Do not spray water into containers, to prevent overfoaming.

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

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

**Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. In case of entry into waterways, soil or drains, inform the responsible authorities.

**Methods for cleaning up/taking up**

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

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

Provide good ventilation of working area (local exhaust ventilation if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. 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 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

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**Further information on storage conditions**

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

**8.) Exposure controls / personal protection**

**Exposure limit values**

N O N E

**Personal protective equipment**

**Respiratory protection**

If workplace exposure limits are exceeded, a respirations 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.

Appropriate Material                      PVA; nitrile

**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, clear
Colour	colourless
Odour	petrol-like

**Important health, safety and environmental information**

**Changes in physical state**

Type	Boiling range		
Value	180	- 220	°C

**Flash point**

Value	appr.	65	°C
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**Ignition temperature**

Value	>	200	°C
Reference substance	Hydrocarbon		

**Explosion limits**

Upper explosion limit	7,00	% vol
Reference substance	Hydrocarbon	
Lower explosion limit	0,60	% vol
Reference substance	Hydrocarbon	

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**Vapour pressure**

Value		0,10	kPa
Reference temperature	20	°C	
Reference substance	Hydrocarbon		

**Density**

Value		0,79	g/cm <sup>3</sup>
Reference temperature	20	°C	

**Viscosity**

Type	dynamic		
Value		1,30	mPa*s
Method	Höppler		
Reference temperature	20	°C	

**Solubility in water**

Remarks emulsifiable

**10.) Stability and reactivity**

**Conditions to avoid**

None known

**Materials to avoid**

Oxidizing agents

**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.

Eye contact with the product may lead to irritation.

Inhalation may lead to irritation of the respiratory tract.

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness.

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

**12.) Ecological information**

**General information / ecology**

Do not discharge into the drains or waters and do not store on public depositories.

**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.

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**14.) Transport information**

**Other information (chapter 14.)**

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

**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**

Xn Harmful

**R phrases**

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

**S phrases**

23.6 Do not breathe vapour/spray.

24 Avoid contact with skin.

62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**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 99 %

**16.) Other information**

**Relevant R-phrases (chapter 2):**

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

**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.