

Trade name: Böttcherin Offset-4015

Status: 20.07.2007

Product no.: 10040-2

Version: 1.3.0 / GB

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

Identification of the substance or preparation

Trade name

Böttcherin Offset-4015

Use of the substance/preparation

press cleaner

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

R10	Flammable.
Xn; R65	Harmful: may cause lung damage if swallowed.
N; R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
R66	Repeated exposure may cause skin dryness or cracking.

Hazard symbols

Xn	Harmful
N	Dangerous for the environment

R phrases

10	Flammable.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

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.

3.) Composition / information on ingredients

Chemical characterization

Mixture (preparation)

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Hazardous ingredients

NAPHTHA, HYDRODESULFURIZED HEAVY

EC no.	265-185-4	Index no.	649-330-00-2	CAS no.	64742-82-1
Concentration		< 100	%-b.w.		
Classification	R10 Xn; R65	N; R51/53	R67	R66	
Hazard symbols	Xn, N	R phrases	10-51/53-65-66-67		

Hazardous components in complex substances:

XYLENE

EC no.	215-535-7	Index no.	601-022-00-9	CAS no.	1330-20-7
Concentration	> 1	< 5	%-b.w.		
Classification	R10 Xn; R20/21	Xi; R38			
Hazard symbols	Xn	R phrases	10-20/21-38		

1,2,4-TRIMETHYLBENZENE

EC no.	202-436-9	Index no.	601-043-00-3	CAS no.	95-63-6
Concentration	> 1	< 5	%-b.w.		
Classification	R10 Xn; R20	Xi; R36/37/38	N; R51/53		
Hazard symbols	Xn, N	R phrases	10-20-36/37/38-51/53		

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.

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

Extinguishing media that must not be used for safety reasons

Full water jet

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

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.

Special protective equipment for fire-fighters

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. Keep away sources of ignition.

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 it is possible by the by the state of the art

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Take precautionary measures against static charges. 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

Further information on storage conditions

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

8.) Exposure controls / personal protection

Exposure limit values

XYLENE

CAS no. 1330-20-7
EC no. 215-535-7

2000/39/EWG

Xylene, mixed isomers, pure

TWA	221	mg/m ³	50	ml/m ³
STEL	442	mg/m ³	100	ml/m ³
Skin resorption / sensibilisation	Skin			

Occupational Exposure Standards (OESs) / EH40

Xylene, o-, m-, p- or mixed isomers

TWA	220	mg/m ³	50	ml/m ³
STEL	441	mg/m ³	100	ml/m ³
Skin resorption / sensibilisation	Sk			

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1,2,4-TRIMETHYLBENZENE

CAS no. 95-63-6
 EC no. 202-436-9

2000/39/EWG

1,2,4-Trimethylbenzene

TWA	100	mg/m ³	20	ml/m ³
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List of approved workplace exposure limits (WELs) / EH40

Trimethylbenzenes, all isomers or mixtures

TWA	125	mg/m ³	25	ml/m ³
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NAPHTHA, HYDRODESULFURIZED HEAVY

CAS no. 64742-82-1
 EC no. 265-185-4

ExxonMobil (RCP)

TWA	300	mg/m ³	52	ppm
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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, clear
Colour	colourless
Odour	characteristic

Important health, safety and environmental information

Changes in physical state

Type	Boiling range		
Value	155	- 200	°C

Flash point

Value	appr.	44	°C
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Ignition temperature

Value	>	200	°C
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Reference substance	Hydrocarbon
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Explosion limits

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

Vapour pressure

Value	0,248	kPa
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Density

Value	0,7825	g/cm ³
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

Other adverse effects

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

Land transport ADR/RID

Class	3	Classification code	F1
Packaging group	III		
Hazard id. no.	30		
Label	3		
UN number	3295		
Technical name	Hydrocarbons liquid, n.o.s.		
Special Provision 640	E		
Danger releasing substance	Mineral spirits		

Marine transport IMDG

Class	3
Packaging group	III
UN number	3295
Proper shipping name	Hydrocarbons, liquid, n.o.s.
Danger releasing substance	Mineral spirits
EmS	F-E, S-D
MARPOL	P
Label	3

Air transport ICAO/IATA

Class	3
Packaging group	III
UN number	3295
Proper shipping name	Hydrocarbons, liquid, n.o.s.
Danger releasing substance	Mineral spirits
Label	3

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
N	Dangerous for the environment

R phrases

10	Flammable.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

S phrases

23.6	Do not breathe vapour/spray.
24	Avoid contact with skin.
57	Use appropriate container to avoid environmental contamination.
61	Avoid release to the environment. Refer to special instructions / Safety data sheets.
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 2, category 6
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National regulations**Other regulations, restrictions and prohibition regulations**

VOC 99 %

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):

10	Flammable.
20	Harmful by inhalation.
20/21	Harmful by inhalation and in contact with skin.
36/37/38	Irritating to eyes, respiratory system and skin.
38	Irritating to skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

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.