

Trade name: Böttcherin Orange
 Product no.: 10004

Version: 4.2.0 / GB

Status: 20.07.2007

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

Identification of the substance or preparation

Trade name

Böttcherin Orange

Use of the substance/preparation

press cleaner

Company/undertaking identification

Address

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 Stolberger Str. 351-353
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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.
 R66 Repeated exposure may cause skin dryness or cracking.

Hazard symbols

Xn Harmful

R phrases

10 Flammable.
 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.

3.) Composition / information on ingredients

Chemical characterization

Mixture (preparation)

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 | R10 Xn; R65 | R66 | | | |
| Hazard symbols | Xn | R phrases | | 10-65-66 | |

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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.

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; 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, 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.

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.

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). 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

N O N E

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 | orange |
| Odour | petrol-like |

Important health, safety and environmental information

Changes in physical state

| | | | |
|-------|---------------|-------|----|
| Type | Boiling range | | |
| Value | 145 | - 200 | °C |

Flash point

| | | | |
|-------|-------|----|----|
| Value | appr. | 43 | °C |
|-------|-------|----|----|

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Ignition temperature

Value > 200 °C
 Reference substance Hydrocarbon

Explosion limits

Upper explosion limit 8,00 % vol
 Reference substance Hydrocarbon
 Lower explosion limit 0,60 % vol
 Reference substance Hydrocarbon

Vapour pressure

Value 0,30 kPa
 Reference temperature 20 °C
 Reference substance Hydrocarbon

Density

Value 0,77 g/cm³
 Reference temperature 20 °C

Viscosity

Type dynamic
 Value 1,00 mPa*s
 Method Höppler
 Reference temperature 20 °C

Solubility in water

Remarks insoluble

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.

Other information (chapter 11.)

Product specific toxicological data are not known.

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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

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 | -- |
| 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

R phrases

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

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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 2, category 6

National regulations**Other regulations, restrictions and prohibition regulations**

VOC 100 %

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. |
| 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.

Alterations/supplements:

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