

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stearin oil for soldering

Print date: 06.04.2016

Product code: BO5310800

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Stearin oil for soldering

CAS No: 112-80-1

EC No: 204-007-1

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: BOHLE AG

Street: Dieselstr. 10

Place: D-42781 Haan

Telephone: 02129 5568-0

Telefax: 02129 5568 282

e-mail: info@bohle.de

Responsible Department: chemische Entwicklung

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

This substance is not classified as hazardous according to Directive 67/548/EEC.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This substance is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

SECTION 3: Composition/information on ingredients

3.1. Substances

Further Information

No dangerous ingredients according to Directive 2001/58/EC

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

After contact with skin

Wash off with soap and water.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.

After ingestion

Immediately give large quantities of water to drink. If symptoms persist, call a physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

water spray dry powder foam carbon dioxide (CO₂)

5.3. Advice for firefighters

Standard procedure for chemical fires.

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Additional information

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special technical protective measures required.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Clean with detergents. Avoid solvents. After cleaning, flush away traces with water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation, especially in confined areas.

Advice on protection against fire and explosion

No special technical protective measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special storage conditions required. Store in original container. Keep tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

Eye/face protection

safety glasses

Hand protection

rubber gloves

Skin protection

long sleeved clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	light yellow
Odour:	mild

Test method

pH-Value:	not applicable
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Changes in the physical state

Initial boiling point and boiling range:	>200 °C
Flash point:	180 °C

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Explosive properties

According to experience not expected

Ignition temperature: 350 °C

Oxidizing properties

According to experience not expected

Vapour pressure:
(at 20 °C) <1 hPaDensity (at 20 °C): 0,90 g/cm³

Water solubility: insoluble

Viscosity / dynamic:
(at 25 °C) 26 mPa·s

Solvent content: 0%

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

oxidizing agents

10.6. Hazardous decomposition products

According to experience not expected

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Irritation and corrosivity

No eye irritation

No skin irritation

Sensitising effects

No sensitization responses were observed.

Specific effects in experiment on an animal

LD50/oral/rat = >2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Toxicity to fish >100 mg/l

Toxicity to bacteria >100 mg/l

12.2. Persistence and degradability

According to the results of tests of biodegradability this product is considered as being readily biodegradable.

12.3. Bioaccumulative potential

According to experience not expected

Further information

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Advice on disposal

Can be incinerated, when in compliance with local regulations.

SECTION 14: Transport information

Other applicable information

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Additional information

The product does not need to be labelled in accordance with EC directives or respective national laws.

National regulatory information

SECTION 16: Other information

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.