

Trade name: Eosin B für Mikroskopie(C.I.45400)

Substance number: 180500

Version: 2 / CH

Date revised: 28.12.2015

Replaces Version: 1 / CH

Print date: 28.12.15

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

1.1. Product identifier

Eosin B für Mikroskopie(C.I.45400)

Item No. 18050000

Substance / product identification

CAS-Nr. 548-24-3

EINECS-Nr. 208-943-1

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

Use of the substance/preparation

Reagent for analyses, In Vitro Diagnostic Medical Device

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

Molecular weight

Value 624.06 g/mol

Further hazardous ingredients

2-(4,5-dibromo-3,6-dihydroxy-2,7-dinitroxanthren-9-yl)-benzoic acid, disodium salt

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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Remove the casualty into fresh air and keep him calm.. In case of respiratory arrest induce breathing with a respiratory device. Seek medical advice.

After skin contact

Wash off immediately with soap and water and rinse well.

After eye contact

In case of contact with eyes rinse thoroughly with water.

After ingestion

Never give anything by mouth to an unconscious person.. Rinse mouth thoroughly with water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water mist, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

5.2. Special hazards arising from the substance or mixture

Carbon monoxide (CO); Carbon dioxide (CO₂); Nitrogen oxides (NO_x); Hydrogen bromide (HBr); sodium oxides

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.. Do not inhale vapours.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary).

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a cool place.

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Further information on storage conditions

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

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Other information**

Contains no substances with occupational exposure limit values.

8.2. Exposure controls**General protective and hygiene measures**

General industrial hygiene practice.

Respiratory protection

Dust mask; Short term: filter apparatus, Filter P1

Hand protection

nitrile rubber - NBR

Appropriate Material

nitrile rubber - NBR

Material thickness

0.11 mm

Breakthrough time

> 480 min

Eye protection

Safety glasses

Body protection

Protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form** solid**Colour** green**Odour** weak**Colour** brown**pH value**

Value appr. 6.2

Concentration/H₂O 10 g/l

Temperature 25 °C

Melting point

Remarks No data available

Initial boiling point and boiling range

Remarks No data available

Flash point

Value °C

Remarks Not applicable

Vapour pressure

Remarks No data available

Density

Remarks No data available

Solubility in water

Value 300 g/l

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Partition coefficient: n-octanol/water

log Pow - 2.94

9.2. Other information**Bulk density**Value appr. 680 kg/m³**Burning test**

Remarks No data available

SECTION 10: Stability and reactivity**10.5. Incompatible materials**

Strong oxidising agents

10.6. Hazardous decomposition productsCarbon monoxide and carbon dioxide, nitrous oxides (NO_x), Hydrogen bromide**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

Remarks No data available.

Skin corrosion/irritation

Remarks No data available.

Serious eye damage/irritation

Remarks No data available.

Other information

Warning - substance not yet fully tested.

Observe the usual precautions for handling chemicals.

By appropriate use of the product no health damage is known.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

Remarks No data available.

12.2. Persistence and degradability**Biodegradability**

Remarks No data available.

12.3. Bioaccumulative potential**Partition coefficient: n-octanol/water**

log Pow - 2.94

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

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Dispose of as unused product.

SECTION 14: Transport information**Land transport ADR/RID**

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class (Germany) WGK 3

Remarks Classification according to Annex 4 VwVwS

SECTION 16: Other information**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
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.