

Trade name: Eosin G für Mikroskopie(C.I.45380)

Substance number: 180510

Version: 2 / CH

Date revised: 15.01.2016

Replaces Version: 1 / CH

Print date: 15.01.16

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

1.1. Product identifier

Eosin G für Mikroskopie(C.I.45380)

Item No. 18051000

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

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

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

Classification Xi, R36

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements ***

P264.1 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

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P337+P313 lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

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

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols



irritant

R phrases

36 Irritating to eyes.

S phrases ***

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

60 This material and its container must be disposed of as hazardous waste.

SECTION 3: Composition/information on ingredients ***

3.1. Substances

Molecular weight

Value	691.86	g/mol
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Hazardous ingredients (Regulation (EC) No. 1272/2008) ***

disodium 2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthene-9-yl)benzoate

CAS No.	17372-87-1		
EINECS no.	241-409-6		
Concentration	>=	50	%
Classification	Xi, R36		

Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2	H319
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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air.

After skin contact

After contact with skin, wash immediately with plenty of water.. Remove contaminated clothing.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.. Eye doctor.

After ingestion

Let plenty of water be drunk in small gulps.. Seek medical advice immediately.

4.2. Most important symptoms and effects, both acute and delayed

Coughing

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water, Carbon dioxide, Foam, Dry powder

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.; In the event of fire the following can be released.; Hydrogen bromide (HBr)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.; Use personal protective clothing.

Other information

Suppress vapours with water spray jet.. Do not discharge into surface waters/groundwater.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.. Avoid breathing dust.. Ensure adequate ventilation.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

Dampen, pick up mechanically and dispose of.. Clean up affected area.. Avoid raising dust.

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

Observe safety references and application instructions mentioned on can.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a dry place.

Further information on storage conditions

Keep container tightly closed.

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

Remove contaminated, soaked clothing immediately and dispose of safely. Preventative skin protection.
Wash hands and face after work.

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Respiratory protection

Breathing apparatus in the event of aerosol.

Hand protection

Gloves

Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 mm
Breakthrough time	> 480 min

Eye protection

Safety glasses

Body protection

protective overalls

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

Value	appr. 9.2
Concentration/H ₂ O	10 g/l
Temperature	20 °C

Melting point

Value 295 to 296 °C

Initial boiling point and boiling range

Remarks Not applicable

Flash point

Remarks Not applicable

Vapour pressure

Remarks Not applicable

Solubility in water

Value	300 g/l
Temperature	20 °C

Partition coefficient: n-octanol/water

log Pow 4.80

Method calculated

Remarks Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.

Decomposition temperature

Value > 300 °C

9.2. Other information**Bulk density**Value appr. 710 kg/m³**SECTION 10: Stability and reactivity****10.1. Reactivity**

Danger of dust explosion

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10.2. Chemical stability

Protect from atmospheric moisture and water.. Sensitive to moisture.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.. Protect from atmospheric moisture and water.

Decomposition temperature

Value > 300 °C

10.6. Hazardous decomposition products

Hydrogen bromide

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Skin corrosion/irritation**

Species	rabbit
evaluation	non-irritant
Method	OECD 404

Serious eye damage/irritation

Species	rabbit
evaluation	strongly irritant
Method	OECD 405

Mutagenicity

Method	Ames test
Remarks	negative

Specific Target Organ Toxicity (STOT)

evaluation	No indications of STOT effects are available.
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Other information

Observe the usual precautions for handling chemicals.

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

Remarks	No data available.
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Daphnia toxicity

Remarks	No data available.
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Algae toxicity

Remarks	No data available.
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Bacteria toxicity

Remarks	No data available.
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12.3. Bioaccumulative potential**Partition coefficient: n-octanol/water**

log Pow	4.80
Method	calculated
Remarks	Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.

12.6. Other adverse effects

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General information / ecology

Do not allow it to reach soil, ground water, water bodies or sewage system.

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

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

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**R-phrases listed in Chapter 3**

36 Irritating to eyes.

Hazard statements listed in Chapter 3

H319 Causes serious eye irritation.

CLP categories listed in Chapter 3

Eye Irrit. 2 Eye irritation, Category 2

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.