

Trade name: Fluoresceini sol 10% z Wasserfärb

Substance number: 211701

Version: 1 / CH

Date revised: 04.06.2024

Replaces Version: - / CH

Print date: 04.06.24

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

1.1. Product identifier

Fluoresceini sol 10% z Wasserfärb

Item No. 21170100

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 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.

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Further ingredients

water

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration >= 90 %

Advice: [4]

Disodium 2-(3-oxo-6-oxidoxanthene-9-yl)benzoate

CAS No. 518-47-8

EINECS no. 208-253-0

Concentration >= 10 < 25 %

Advice: [4]

Note

[4] Voluntary information

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Carbon dioxide, Dry powder, Water spray jet

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8.

SECTION 7: Handling and storage

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7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Storage classes

Storage class according to TRGS 510 12 Non-combustible liquids

Further information on storage conditions

Keep container tightly closed and dry.

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

Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Appropriate Material neoprene

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid

Colour red-brown

Odour odourless

Colour violet

Melting point

Remarks not determined

Freezing point

Remarks not determined

Boiling point or initial boiling point and boiling range

Value appr. 100 °C

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Remarks

Information refers to the main component.

Flammability

not determined

Upper and lower explosive limits

Remarks

not determined

Flash point

Value

°C

Remarks

Not applicable

Ignition temperature

Remarks

not determined

Decomposition temperature

Remarks

not determined

pH value

Remarks

not determined

Viscosity

Remarks

not determined

Solubility(ies)

Remarks

not determined

Partition coefficient n-octanol/water (log value)

Remarks

not determined

Vapour pressure

Remarks

Not applicable

Density and/or relative density

Remarks

not determined

Relative vapour density

Remarks

not determined

9.2. Other information**Odour threshold**

Remarks

not determined

Evaporation rate (ether = 1) :

Remarks

not determined

Solubility in water

Remarks

not determined

Explosive properties

evaluation

not determined

Oxidising properties

Remarks

not determined

Other information

None known

SECTION 10: Stability and reactivity**10.1. Reactivity**

No dangerous reactions known.

10.2. Chemical stability

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No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks not determined

Acute oral toxicity (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Species	rat	
LD50	6721	mg/kg

Acute dermal toxicity

Remarks not determined

Acute dermal toxicity (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Remarks No data available

Acute inhalational toxicity

Remarks not determined

Acute inhalative toxicity (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Remarks No data available

Skin corrosion/irritation

Remarks not determined

Skin corrosion/irritation (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Remarks No data available

Serious eye damage/irritation

Remarks not determined

Serious eye damage/irritation (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Remarks No data available

Sensitization

Remarks not determined

Sensitization (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Remarks No data available

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

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Remarks not determined

Mutagenicity (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

evaluation No mutagenicity in the Ames-test.

Reproductive toxicity

Remarks not determined

Reproduction toxicity (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Remarks No data available

Carcinogenicity

Remarks not determined

Carcinogenicity (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

evaluation Based on available data, the classification criteria are not met.

Source IARC

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

No toxicological data are available.

SECTION 12: Ecological information**12.1. Toxicity****General information**

not determined

Fish toxicity (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Species rainbow trout (*Oncorhynchus mykiss*)
 LC50 1372 mg/l
 Duration of exposure 96 h

Daphnia toxicity (Components)**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Species *Daphnia pulex*
 EC50 337 mg/l
 Duration of exposure 48 h

12.2. Persistence and degradability**General information**

not determined

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

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12.4. Mobility in soil**General information**

not determined

12.5. Results of PBT and vPvB assessment**General information**

not determined

Results of PBT and vPvB assessment

The product contains no PBT substances

The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects**General information**

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

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

Disposal in compliance with local and national regulations.

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	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 WGK 3

(Germany)

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

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

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.