

Trade name: Fluoresceinum natricum

Substance number: 063816

Version: 3 / CH

Date revised: 04.06.2024

Replaces Version: 2 / CH

Print date: 04.06.24

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

### **1.1. Product identifier**

Fluoresceinum natricum

Item No. 06381600

#### **Substance / product identification**

CAS-No. 518-47-8

EINECS-No. 208-253-0

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

#### **Use of the substance/preparation**

Reagent for analyses

### **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 Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

## **SECTION 3: Composition/information on ingredients \*\*\***

#### **Molecular weight**

Value 376.27 g/mol

#### **Further ingredients \*\*\***

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

CAS No. 518-47-8

EINECS no. 208-253-0

Concentration &gt;= 95 %

Trade name: Fluoresceinum natricum

Substance number: 063816

Version: 3 / CH

Date revised: 04.06.2024

Replaces Version: 2 / CH

Print date: 04.06.24

Advice: [4]

**Note**

[4] Voluntary information

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Remove the casualty into fresh air and keep him calm. If breathing is irregular or stopped, administer artificial respiration.

**After skin contact**

Wash off with soap and water. Consult a doctor if skin irritation persists.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

**After ingestion**

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Summon a doctor immediately.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water spray jet, Foam, Dry chemical extinguisher, Carbon dioxide

**Non suitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**

In the event of a fire, toxic and combustible gases can be formed. Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); sodium oxides

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

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

**Other information**

Cool endangered containers 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 dust formation. Do not inhale dust. Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not empty into drains.

**6.3. Methods and material for containment and cleaning up**

Pick up mechanically. Rinse away rest with plenty of water.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Trade name: Fluoresceinum naticum

Substance number: 063816

Version: 3 / CH

Date revised: 04.06.2024

Replaces Version: 2 / CH

Print date: 04.06.24

**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 only in original packaging. Keep tightly closed in a dry and cool place. Store under nitrogen. Storage rooms must be properly ventilated.

**Storage classes**

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	NG	Other solid hazardous substances without classification/labelling hazardous

**Further information on storage conditions**

Keep only in the original container, tightly closed, in a well ventilated place. Keep container dry in a cool, well-ventilated place.

**SECTION 8: Exposure controls/personal protection****8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

**Respiratory protection**

Breathing apparatus in the event of aerosol. EN 143

**Hand protection**

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material nitrile  
Hand protection must comply with EN 374.**Eye protection**

Safety glasses; Eye protection must comply with EN 166.

**Body protection**

Clothing as usual in the chemical industry.

**SECTION 9: Physical and chemical properties \*\*\*****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	solid		
<b>Colour</b>	dark red		
<b>Physical state</b>	Powder		
<b>Melting point</b>			
Value	>	300	°C
<b>Flash point</b>			
Value	°C		
Remarks	Not applicable		
<b>pH value</b>			
Value	appr.	8.3	
Concentration/H <sub>2</sub> O		10	g/l
Temperature		20	°C

Trade name: Fluoresceinum natricum

Substance number: 063816

Version: 3 / CH

Date revised: 04.06.2024

Replaces Version: 2 / CH

Print date: 04.06.24

**Partition coefficient n-octanol/water (log value)**

log Pow -0.67

**9.2. Other information****Solubility in water**

Value	500		g/l
Temperature	20	°C	

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

None known

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

Sensitive to moisture.

**10.5. Incompatible materials**

Strong oxidising agents

**10.6. Hazardous decomposition products**

In the event of fire the following can be released: Carbon monoxide and carbon dioxide

**SECTION 11: Toxicological information \*\*\*****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity (Components)****Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**

Species	rat		
LD50	6721		mg/kg

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

Remarks No data available

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

Remarks No data available

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

Remarks No data available

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

Remarks No data available

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

Remarks No data available

**Mutagenicity (Components)**

Trade name: Fluoresceinum natricum

Substance number: 063816

Version: 3 / CH

Date revised: 04.06.2024

Replaces Version: 2 / CH

Print date: 04.06.24

**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**  
evaluation No mutagenicity in the Ames-test.

**Reproduction toxicity (Components)**

**Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate**  
Remarks No data available

**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**

This substance does not have endocrine disrupting properties with respect to humans.

**SECTION 12: Ecological information \*\*\*****12.1. Toxicity****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****Biodegradability**

evaluation biodegradable

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water (log value)**

log Pow -0.67

**12.4. Mobility in soil****General information**

No data available

**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment \*\*\***

The Substance does not meet PBT-criteria.  
This substance does not meet the vPvB-criteria.

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

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**SECTION 13: Disposal considerations**

Trade name: Fluoresceinum naticum

Substance number: 063816

Version: 3 / CH

Date revised: 04.06.2024

Replaces Version: 2 / CH

Print date: 04.06.24

**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	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 (Germany) WGK 3

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

**15.2. Chemical safety assessment**

For this substance 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.