

Trade name: Fluoresceinum natriicum

Substance number: 063816

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 04.10.19

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

### **1.1. Product identifier**

Fluoresceinum natriicum

Item No. 06381600

### **Substance / product identification**

CAS-No. 518-47-8

EINECS-No. 208-253-0

### **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**

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.

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

### **Other information**

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

## **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 the event of symptoms take medical treatment.

#### **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**

Rinse mouth thoroughly with water. Summon a doctor immediately.

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## **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.

### **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**

Keep away unprotected persons.

### **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**

#### **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.

#### **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. Particle filter P2

#### **Hand protection**

Gloves

Appropriate Material                      nitrile

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**Eye protection**

Safety glasses

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

<b>Form</b>	solid		
<b>Form</b>	Powder		
<b>Colour</b>	red-brown		
<b>Odour</b>	odourless		
<b>pH value</b>			
Value	7	to	9
Concentration/H <sub>2</sub> O	20	g/l	
Temperature	20	°C	

**Melting point**

Value &gt; 300 °C

**Flash point**

Remarks Not applicable

**Solubility in water**

Value	500	g/l
Temperature	20	°C

**Partition coefficient: n-octanol/water**

log Pow -0.67

**9.2. Other information****Bulk density**Value 600 kg/m<sup>3</sup>**SECTION 10: Stability and reactivity****10.1. Reactivity**

No decomposition if stored and applied as directed.

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

No decomposition if stored and applied as directed.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

No hazardous decomposition products known when handled according to prescribed instructions.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

Species mouse

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LD50 4738 mg/kg

**Acute dermal toxicity**Species rat  
LD50 6721 mg/kg**Skin corrosion/irritation**

Remarks No data available.

**Serious eye damage/irritation**

Remarks No data available.

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity**Species rainbow trout (Oncorhynchus mykiss)  
LC50 1372 mg/l  
Duration of exposure 96 h**Daphnia toxicity**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 Pow -0.67

**12.5. Results of PBT and vPvB assessment****Evaluation of persistence and bioaccumulation potential**

Due to the distribution coefficient n-octanol/water, accumulation in organisms is not possible.

**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	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

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## **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 1  
(Germany)

## **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.