

Trade name: Eumulgin B1 PH/Emulgator

Substance number: 262055

Version: 2 / CH

Date revised: 08.05.13

Replaces Version: 1 / CH

Date of printing: 08.05.13

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

### **1.1. Product identifier**

Eumulgin B1 PH/Emulgator

Item-No. 26205500

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

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

O/W emulsifier for cosmetics

### **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

## **2. Hazards identification**

### **2.1. Classification of the substance or mixture**

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

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

Acute Tox. 4 H302

Eye Dam. 1 H318

#### **Classification in accordance with EC directives**

Classification Xn, R22

Xi, R41

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

##### **Hazard pictograms**



##### **Signal word**

Danger

##### **Hazard statements**

H302 Harmful if swallowed.

H318 Causes serious eye damage.

##### **Precautionary statements**

P280.1 Wear Eye protection/face protection.

P270 Do no eat, drink or smoke when using this product.

P264.1 Wash hands thoroughly after handling.

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P310 Immediately call a POISON CENTER or doctor/physician.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P301 IF SWALLOWED:  
 P330 Rinse mouth.

### 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



Harmful

#### R phrases

22 Harmful if swallowed.  
 41 Risk of serious damage to eyes.

#### S phrases

39 Wear eye/face protection.  
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 28.1 After contact with skin, wash immediately with plenty of water.  
 46 If swallowed, seek medical advice immediately and show this container or label.

#### Hazardous component(s) to be indicated on label

contains Alcohols, C16-18, ethoxylated

### 3. Composition/information on ingredients

#### Hazardous ingredients

##### Alcohols, C16-18, ethoxylated

CAS No.	68439-49-6			
EINECS no.	500-212-8			
Concentration		>=	50	%
Classification	Xn, R22			
	Xi, R41			

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

Acute Tox. 4	H302
Eye Dam. 1	H318

### 4. First aid measures

#### 4.1. Description of first aid measures

##### After inhalation

No special measures necessary.

##### After skin contact

Wash skin thoroughly with water (15 min.).

##### After eye contact

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

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**After ingestion**

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

Foam, Dry powder, Water spray jet

**Non Suitable extinguishing media**

Carbon dioxide

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

Development of toxic gases

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

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

**Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

**6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

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

Pick up mechanically.

**7. Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading.

**7.2. Conditions for safe storage, including any incompatibilities****Recommended storage temperature**

Value &lt; 30 °C

**Requirements for storage rooms and vessels**

Use glass containers. Polyethylene

**Further information on storage conditions**

Keep container tightly closed.

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

General industrial hygiene practice. At work do not eat, drink, smoke or take drugs. Wash hands before breaks and after work.

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**Respiratory protection**

Breathing apparatus in the event of aerosol.

**Hand protection**

Gloves

Use of the substance/preparation Permanent hand contact

Appropriate Material nitrile rubber - NBR

Material thickness 0.2 mm

Penetrating time &gt; 480 min

**Eye protection**

Tightly fitting safety glasses

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

<b>Form</b>	solid			
<b>Colour</b>	white			
<b>Odour</b>	almost odourless			
<b>pH</b>				
Value	6.0	to	7.5	
Concentration/H <sub>2</sub> O	1	%		
Method	ISO 4316			
<b>Melting point</b>				
Remarks	No data available			
<b>Freezing point</b>				
Value	34	to	37	°C
Method	DIN/ISO 3841			
<b>Boiling point</b>				
Remarks	No data available			
<b>Flash point</b>				
Value	249	to	251	°C
Method	ISO 2592			
<b>Vapour pressure</b>				
Remarks	No data available			
<b>Density</b>				
Value	0.970	to	0.975	g/cm <sup>3</sup>
Temperature	70	°C		
Method	DIN 51757			
<b>Solubility in water</b>				
Remarks	soluble			
Remarks	Gel formation			
<b>Octanol/water partition coefficient (log Pow)</b>				
Remarks	No data available			

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

No decomposition if stored and applied as directed.

**10.2. Chemical stability**

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Stable under recommended storage and handling conditions (see section 7).

**10.3. Possibility of hazardous reactions**

No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

Stable under recommended storage and handling conditions (see section 7).

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

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

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

Species	rat				
LD50		300	to	2000	mg/kg

**Skin corrosion/irritation**

Species	rabbit
valuation	irritant
Method	OECD 404

**Serious eye damage/irritation**

Species	rabbit
valuation	strongly irritant
Method	OECD 405

**Sensitization**

valuation	non-sensitizing
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**Mutagenicity**

valuation	No mutagenicity in the Ames-test.
Method	Ames test

**Reproduction toxicity**

Remarks	No data available
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**Carcinogenicity**

Remarks	No data available
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**12. Ecological information****12.1. Toxicity****Fish toxicity**

Species	golden orfe ( <i>Leuciscus idus</i> )		
LC50		1	to 10 mg/l
Method	ISO 7346/2 (semistatic)		

**Bacteria toxicity**

Species	<i>Pseudomonas putida</i>		
EC0	> 100		mg/l

**12.2. Persistence and degradability****Biodegradability**

valuation	Readily biodegradable (according to OECD criteria)
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### 12.3. Bioaccumulative potential

#### Octanol/water partition coefficient (log Pow)

Remarks

No data available

## 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.

## 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.

## 15. Regulatory information

## 16. Other information

### R-phrases listed in Chapter 3

22

Harmful if swallowed.

41

Risk of serious damage to eyes.

### Hazard statements listed in Chapter 3

H302

Harmful if swallowed.

H318

Causes serious eye damage.

### 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.