

Trade name: SP BRIJ CS12 MBAL-SS-(RB) / Macrogol CSE Ph.Eur

Substance number: 265970

Version: 1 / CH

Date revised: 20.04.2026

Replaces Version: - / CH

Print date: 20.04.26

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

### **1.1. Product identifier**

SP BRIJ CS12 MBAL-SS-(RB) / Macrogol CSE Ph.Eur  
Item No. 26597000

### **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 person responsible for this SDS sdb@haenseler.ch

### **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)

Acute Tox. 4	H302
Skin Irrit. 2	H315
Eye Dam. 1	H318
Aquatic Acute 1	H400

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

### **2.2. Label elements**

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

##### **Hazard pictograms**



##### **Signal word**

Danger

##### **Hazard statements**

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.

##### **Precautionary statements**

P264.1	Wash hands thoroughly after handling.
P273	Avoid release to the environment.

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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 lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor.  
 P501.3 Disposal in compliance with local and national regulations.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains Alcohols, C16-18, ethoxylated

**Reduced labeling (<= 125 ml)****Hazard pictograms****Signal word**

Danger

**Hazard statements**

H302 Harmful if swallowed.  
 H318 Causes serious eye damage.

**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 lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor.  
 P330 Rinse mouth.  
 P501.3 Disposal in compliance with local and national regulations.

**2.3. Other hazards**

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****Hazardous ingredients****Alcohols, C16-18, ethoxylated**

CAS No.	68439-49-6		
EINECS no.	500-212-8		
Concentration	>=	63	%
Classification (Regulation (EC) No. 1272/2008)			
	Aquatic Acute 1		H400
	Acute Tox. 4		H302
	Skin Irrit. 2		H315
	Eye Dam. 1		H318

Concentration limits (Regulation (EC) No. 1272/2008)

		Aquatic Acute 1	M = 10
ATE	oral	1'260	mg/kg

**SECTION 4: First aid measures**

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#### 4.1. Description of first aid measures

##### General information

In any case show the physician the Safety Data Sheet.

##### After inhalation

Remove the casualty into fresh air and keep him calm.

##### After skin contact

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

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Remove contact lenses. Summon a doctor immediately.

##### After ingestion

Drink water in small gulps. Take medical treatment.

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

Important or other important known symptoms and effects are described in the GHS labelling of the product (see section 2) and in section 11.

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

##### Hints for the physician / treatment

Symptomatic treatment (decontamination, vital functions), no specific antidote known.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Carbon dioxide, Water, Foam, Dry powder

##### Non suitable extinguishing media

No extinguishing agent restrictions

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

The product is combustible. Vapours heavier than air. In case of combustion evolution of dangerous gases possible.

#### 5.3. Advice for firefighters

##### Special protective equipment for fire-fighting

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

##### Other information

Do not discharge into surface waters/groundwater.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing dust. Keep away unprotected persons. Don't touch

#### 6.2. Environmental precautions

Do not empty into drains.

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

Take up mechanically and collect in suitable container for disposal. To pick up dry. Clean up affected area. Avoid raising dust.

#### 6.4. Reference to other sections

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Information regarding waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

Keep container tightly closed and dry.

#### **Storage classes**

Storage class according to TRGS 510	11	Combustible solids
Storage category (Switzerland)	8	Caustic and corrosive substances

## **SECTION 8: Exposure controls/personal protection**

### **8.2. Exposure controls**

#### **General protective and hygiene measures**

Observe the usual precautions for handling chemicals. General industrial hygiene practice.

#### **Respiratory protection**

Breathing apparatus in the event of aerosol. Particle filter P2; DIN EN 143; EN 14387

#### **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 rubber - NBR		
Material thickness	0.11	mm	
Breakthrough time	480	min	

Hand protection must comply with EN 374.

#### **Eye protection**

Tightly fitting safety glasses; Eye protection must comply with EN 166.

#### **Body protection**

Protective clothing

#### **Environmental exposure controls**

Do not allow to enter drains or water courses.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	solid			
<b>Colour</b>	white			
<b>Odour</b>	characteristic			
<b>Melting point</b>				
Value	34	to	40	°C
<b>Flash point</b>				
Value	>	to	100	°C
<b>pH value</b>				
Value	6	to	7.5	
Concentration/H <sub>2</sub> O	3	%		

### **9.2. Other information**

#### **Solubility in water**

Remarks dispersible

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## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

Danger of dust explosion

### **10.2. Chemical stability**

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

### **10.3. Possibility of hazardous reactions**

No hazardous reactions known.

### **10.4. Conditions to avoid**

Severe overheating.

### **10.5. Incompatible materials**

Strong oxidising agents

### **10.6. Hazardous decomposition products**

Formation of toxic gases possible during heating or in case of fire.

## **SECTION 11: Toxicological information**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

#### **Acute oral toxicity**

ATE	1'260	mg/kg
Method	calculated value according to GHS (e.g see UN GHS)	
Remarks	The classification criteria are met.	

#### **Acute oral toxicity (Components)**

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

Species	rat	
LD50	1260	mg/kg
Source	RTECS	
Source	AZ0883332	

#### **Acute dermal toxicity**

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

#### **Acute inhalational toxicity**

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

#### **Skin corrosion/irritation**

evaluation	irritant
Remarks	The classification criteria are met.

#### **Skin corrosion/irritation (Components)**

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

Species	rabbit
evaluation	irritant
Source	RTECS
Source	AZ0883332

#### **Serious eye damage/irritation**

evaluation	corrosive
Remarks	The classification criteria are met.

#### **Serious eye damage/irritation (Components)**

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

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Species evaluation                      rabbit  
 strongly irritant

**Sensitization**

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

**Mutagenicity**

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

**Reproductive toxicity**

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

**Carcinogenicity**

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

**Specific Target Organ Toxicity (STOT)****Single exposure**

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

**Repeated exposure**

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

**Aspiration hazard**

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

**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)****Alcohols, C16-18, ethoxylated**

Species	zebra fish (Brachydanio rerio)		
LC50	108		mg/l
Duration of exposure	96	h	
Method	OECD 203		

**12.2. Persistence and degradability****Biodegradability (Components)****Alcohols, C16-18, ethoxylated**

Value	94		%
Duration of test evaluation	28	d	
Method	Readily biodegradable OECD 301 B		

**Chemical oxygen demand (COD) (Components)****Alcohols, C16-18, ethoxylated**

Value	2000		mg/g
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**Biochemical oxygen demand (BOD5) (Components)****Alcohols, C16-18, ethoxylated**

Value	310		mg/g
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**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment**

The Substance does not meet PBT-criteria.

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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

### 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 or ID number	3077	3077	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 kg	5 kg	
Transport category	3		
Tunnel restriction code	-		

## 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 2

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

#### Other information

The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of  $\geq 0.1\%$  w/w.

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## **SECTION 16: Other information**

### **Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

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

Acute Tox. 4	H302	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
Aquatic Acute 1	H400	Calculation method

### **Hazard statements listed in Chapter 2/3**

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.

### **CLP categories listed in Chapter 2/3**

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Skin Irrit. 2	Skin 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.