



## Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

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

#### 1.1 Product identifiers

Product name	AmphaCalib
Product number	21.000
Brand	Amphasys
REACH No	Mixture - A registration number is not available for this substance as the substance or its uses are exempted from registration. Details to the components see chapter 3.

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

Identified uses                      Laboratory chemicals, for research use only

#### 1.3 Details of the supplier of the safety data sheet:

Supplier	Amphasys AG Platz 4 CH-6039 Root D4
Telephone	+41 41 541 9120
E-mail	<a href="mailto:info@amphasys.com">info@amphasys.com</a>

### SECTION 2: Hazards identification

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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
This product is not hazardous according to EEC directives 67/548/EEC and 1999/45/EC.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS] – void  
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.3 Other hazards

None

### SECTION 3. Composition/information on ingredients

#### 3.1 Mixtures

Synonyms: Solution of latex beads from Polystyrene  
No components need to be disclosed according to the applicable regulations.  
Aqueous solution.  
Dangerous components: Void

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General information    No known effect based on information supplied

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After inhalation	Supply fresh air; if there is any trouble seek medical help.
After skin contact	Wash off with soap and plenty of water.
After eye contact	Flush eyes with water as a precaution
After swallowing	Never give anything by mouth to an unconscious person. Rinse mouth with water.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data available

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### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media:**

Use fire extinguishing methods suitable to surrounding conditions. CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

For this substance/mixture no limitations of extinguishing agents are given.

#### **5.3 Advice for fire-fighters**

Wear self-contained breathing apparatus for firefighting if necessary.

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### **SECTION 6: Accidental release measures**

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

Avoid dust formation. Avoid breathing vapors, mist or gas.

#### **6.2 Environmental precautions:**

No special environmental precautions required.

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

Keep in suitable, closed containers for disposal.

#### **6.4 Reference to other sections**

For disposal see section 13.

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

#### **7.1 Precautions for safe handling**

For precautions see section 2.2. Provide appropriate exhaust ventilation at places where dust is formed.

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

No special requirements. Keep container tightly closed. Recommended storage temperature 4 °C. Store away from foodstuffs.

#### **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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

#### **8.1 Control parameters**

The product does not contain any relevant quantities of materials with critical values that have to be monitored.

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## 8.2 Exposure controls

Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice.
Personal protective equipment	Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work. Impervious clothing,
Environmental exposure controls	No special environmental precautions required.

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## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

Appearance	Form: suspension Colour: transparent
Odour	Odourless
Odour threshold	No information available
pH-value	7.0 +/-0.2
<b>Change in condition</b>	
Melting point/Melting range	No information available.
Boiling point/Boiling range	100 °C
Flash point	No information available
Flammability (solid, gas)	No information available
Ignition temperature	No information available
Decomposition temperature	No information available
Self-igniting	No information available
Danger of explosion	Product does not present an explosion hazard.
Explosion limits:	
Lower	No information available.
Upper	No information available.
Oxidizing properties	No information available.
Vapour pressure	No information available
Density	No information available.
Relative density	No information available.
Vapour density	No information available
Evaporation rate	No information available
Solubility in water	Fully miscible.
Partition coefficient (n-octanol/water)	
	No information available
Viscosity	No information available
Dynamic	No information available.
Kinematic	No information available.

**9.2 Other information** No further relevant information available.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

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Strong oxidizing agents

**10.6 Hazardous decomposition products**

Other decomposition products - No data available  
In the event of fire: see section 5

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available

**Potential health effects**

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.

**Additional toxicological information**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

**Further information:**

The product should be handled with the care usual when dealing with chemicals.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

no data available

**12.6 Other adverse effects**

no data available

