



## 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                    **AmphaClean**

Product number                21.900

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                              [info@amphasys.com](mailto:info@amphasys.com)

### 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

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### SECTION 3. Composition/information on ingredients

#### 3.1 Mixtures

No components need to be disclosed according to the applicable regulations.  
Aqueous solution, violet, clear, odorless  
No hazardous Ingredients.

### 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 plenty of water.
After eye contact	If product enters eyes, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occur, obtain medical attention.
After swallowing	Never give anything by mouth to an unconscious person. If ingested, wash mouth out with water. If irritation or discomfort occurs, seek medical attention.

#### **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 specific medical attention or treatment required.

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

**Flammable Properties** Nonflammable aqueous solution.

#### **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 food stuffs.

#### **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**

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## 8.1 Control parameters

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

## 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.
Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. 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: Liquid Colour: violet Transparency: Clear
Odour	Odourless
Odour threshold	No information available
pH-value	8.0 – 8.5

#### Change in condition

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

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- 10.1 Reactivity**  
No data available
- 10.2 Chemical stability**  
Stable under normal storage conditions.
- 10.3 Possibility of hazardous reactions**  
None
- 10.4 Conditions to avoid**  
No data available
- 10.5 Incompatible materials**  
No data available
- 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

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- 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

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product and Contaminated packaging**

Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations.

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**SECTION 14: Transport information**

- 14.1 **UN number**  
ADR/RID: -                                   IMDG: -                                   IATA: -
- 14.2 **UN proper shipping name**  
ADR/RID:       Not dangerous goods  
IMDG:           Not dangerous goods  
IATA:           Not dangerous goods
- 14.3 **Transport hazard class(es)**  
ADR/RID: -                                   IMDG: -                                   IATA: -
- 14.4 **Packaging group**  
ADR/RID: -                                   IMDG: -                                   IATA: -
- 14.5 **Environmental hazards**  
ADR/RID: no                                 IMDG Marine pollutant: no         IATA: no
- 14.6 **Special precautions for user**  
No data available

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**SECTION 15: Regulatory information**

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
no data available
  
- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
no data available
  
- 15.2 **Chemical Safety Assessment**  
no data available

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**SECTION 16: Other information**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.