



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

Print date: 10.02.2021
Version: 1.3 / EN ; Revision date: 08.02.2021

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

1.1 Product identifiers

Product name **AmphaFluid 7 (AF7)**

Product number 21.007

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 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.
Dangerous components: Void

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|---------------------|--|
| General information | No known effect based on information supplied |
| After inhalation | Supply fresh air; if there is any trouble seek medical help. |
| After skin contact | Rinse with 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

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Use fire extinguishing methods suitable to surrounding conditions. CO₂, 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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Not required.

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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

For precautions see section 2.2.

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

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.

8.2 Exposure controls

| | |
|--|--|
| Appropriate engineering controls practice. | Handle in accordance with good industrial hygiene and safety practice. |
| Personal protective equipment Eye/face protection | Avoid contact with the eyes and skin. 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. |

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

| | |
|-----------------|-------------------------------------|
| Appearance | Form: liquid Colour: transparent |
| Odour | Odourless |
| Odour threshold | No information available. |
| pH-value | 7.0 +/-0.1 |

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.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

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

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 |

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.

SECTION 12: Ecological information

12.1 Toxicity:

| | |
|-------------------------------|---|
| Ecotoxicity | Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants. |
| Persistence and degradability | No information available. |
| Bioaccumulation | No information available. |
| Mobility | No information available |

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

The disposal is regionally differently regulated, therefore the kind of disposal is to be inquired at the responsible authorities.

Uncleaned packaging: Recommendation

Disposal according to official regulations.

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 | | | |

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
International Chemical Weapons Convention (CWC) Neither banned nor restricted
Schedules of Toxic Chemicals and Precursors

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) Neither banned nor restricted

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals Neither banned nor restricted

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorization (Annex XIV) Neither banned nor restricted

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer Neither banned nor restricted

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

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.