

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.01.2024


Version number 1.0

Revision: 08.01.2024

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

- **1.1 Product identifier**
- **Trade name:** Antifoam PE-H 100mL
- **Article number:** 010-17191
- **CAS Number:**  
9003-13-8
- **Registration number**  
Registration numbers of the individual components: see section 3.2, if applicable.
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the preparation:** Laboratory chemicals
- **Uses advised against**  
Only for professional use.  
Do not use for private purposes (household).
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
FUJIFILM Wako Chemicals Europe GmbH  
Fuggerstr. 12  
41468 Neuss  
Deutschland  
Tel: +49 (0) 2131-311-0
- **Further information obtainable from:** msds\_eu@fujifilm.com
- **1.4 Emergency telephone number:** +49 (0) 2131-311-0 (8h-16h)

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Acute Tox. 4 H302 Harmful if swallowed.  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms**  
  
GHS07
- **Signal word** Warning
- **Hazard-determining components of labelling:**  
Polypropylene glycol monobutylether
- **Hazard statements**  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

(Cont. on page 2)

EN

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Version number 1.0

Revision: 08.01.2024

**Trade name: Antifoam PE-H 100mL**

(Cont. from page 1)

- **Precautionary statements**
  - P264 Wash thoroughly after handling.
  - P280 Wear eye protection / face protection.
  - P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Description**
  - 9003-13-8 Polypropylene glycol monobutylether
- **SVHC** Does not contain a SVHC according to REACH, Article 57 >0,1%

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:**
  - Immediately remove any clothing soiled by the product.
  - Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
  - Immediately wash with water and soap and rinse thoroughly.
  - If skin irritation continues, consult a doctor.
- **After eye contact:**
  - Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
  - Causes serious eye irritation.
- **4.3 Indication of any immediate medical attention and special treatment needed**
  - No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
  - CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
  - No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

(Cont. on page 3)

EN

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.01.2024

Version number 1.0

Revision: 08.01.2024

Trade name: Antifoam PE-H 100mL

(Cont. from page 2)

- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Remove persons from danger area.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
No special measures required.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in the original receptacle.  
Store in cool, dry conditions in well sealed receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Protect from frost.
- **Storage class:** 10
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Do not eat, drink, smoke or sniff while working.  
Storing food in the working area is prohibited.
- **Respiratory protection:** Not necessary if room is well-ventilated.

(Cont. on page 4)

EN

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 08.01.2024

Version number 1.0

Revision: 08.01.2024

Trade name: Antifoam PE-H 100mL

(Cont. from page 3)

#### · Hand protection



Protective gloves

The protective gloves to be used must comply with the specifications of the EC directive 89/686/EEC and the resultant standard EN 374.

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

#### · Eye/face protection



Safety glasses

The protective safety glasses to be used must comply with the specifications of the EC directive 89/686/EEC and the resultant standard EN166.

#### · Body protection: Protective work clothing

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information

|  |                         |
|--|-------------------------|
| · Physical state   | Fluid                   |
| · Colour:  | Colourless              |
| · Odour:   | Characteristic          |
| · Odour threshold:   | Not determined.         |
| · Melting point/freezing point:                            | Undetermined.           |
| · Boiling point or initial boiling point and boiling range | >200 °C                 |
| · Flammability   | Not applicable.         |
| · Lower and upper explosion limit                          |                         |
| · Lower:   | Not determined.         |
| · Upper:   | Not determined.         |
| · Flash point:   | Not applicable.         |
| · Auto-ignition temperature:                               | Not determined.         |
| · Decomposition temperature:                               | Not determined.         |
| · pH   | Not determined.         |
| · Viscosity:   |                         |
| · Kinematic viscosity                                      | Not determined.         |
| · Dynamic at 20 °C:  | 983 cP                  |
| · Solubility   |                         |
| · water:   | Insoluble.              |
| · Partition coefficient n-octanol/water (log value)        | Not determined.         |
| · Vapour pressure:   | Not determined.         |
| · Density and/or relative density                          |                         |
| · Density at 20 °C:  | 1.003 g/cm <sup>3</sup> |

(Cont. on page 5)

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 08.01.2024

Version number 1.0

Revision: 08.01.2024

Trade name: Antifoam PE-H 100mL

(Cont. from page 4)

|  |                              |
|--|------------------------------|
| · <b>Relative density</b>  | Not determined.              |
| · <b>Vapour density</b>  | Not determined.              |
| · <b>9.2 Other information</b>   |                              |
| · <b>Appearance:</b>   |                              |
| · <b>Form:</b>   | Liquid                       |
| · <b>Ignition temperature:</b>   | Product is not selfigniting. |
| · <b>Explosive properties:</b>   | Not determined.              |
| · <b>Evaporation rate</b>  | Not determined.              |
| · <b>Information with regard to physical hazard classes</b>                        |                              |
| · <b>Explosives</b>  | Not applicable               |
| · <b>Flammable gases</b>   | Not applicable               |
| · <b>Aerosols</b>  | Not applicable               |
| · <b>Oxidising gases</b>   | Not applicable               |
| · <b>Gases under pressure</b>  | Not applicable               |
| · <b>Flammable liquids</b>   | Not applicable               |
| · <b>Flammable solids</b>  | Not applicable               |
| · <b>Self-reactive substances and mixtures</b>                                     | Not applicable               |
| · <b>Pyrophoric liquids</b>  | Not applicable               |
| · <b>Pyrophoric solids</b>   | Not applicable               |
| · <b>Self-heating substances and mixtures</b>                                      | Not applicable               |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Not applicable               |
| · <b>Oxidising liquids</b>   | Not applicable               |
| · <b>Oxidising solids</b>  | Not applicable               |
| · <b>Organic peroxides</b>   | Not applicable               |
| · <b>Corrosive to metals</b>   | Not applicable               |
| · <b>Desensitised explosives</b>   | Not applicable               |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid**  
See "Fire Fighting measures".  
Protect from heat and direct sunlight.
- **10.5 Incompatible materials:** Strong oxidizing agents.
- **10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Harmful if swallowed.

(Cont. on page 6)

EN

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 08.01.2024

Version number 1.0

Revision: 08.01.2024

Trade name: Antifoam PE-H 100mL

(Cont. from page 5)

- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** 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**

Substance is not listed.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
  - **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Contact waste processors for recycling information.
  - **European waste catalogue**
- |     |   |
|-----|---|
| HP4 | Irritant - skin irritation and eye damage |
| HP6 | Acute Toxicity                            |
- **Uncleaned packaging:**
  - **Recommendation:**  
Disposal must be made according to official regulations.

(Cont. on page 7)

## Safety data sheet

### according to 1907/2006/EC, Article 31

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Version number 1.0

Revision: 08.01.2024

Trade name: Antifoam PE-H 100mL

(Cont. from page 6)

 Packagings that may not be cleansed are to be disposed of in the same manner as the product.

#### SECTION 14: Transport information

- |  |                 |
|--|-----------------|
| · 14.1 UN number or ID number<br>· ADR, IMDG, IATA                     | Not applicable  |
| · 14.2 UN proper shipping name<br>· ADR, IMDG, IATA                    | Not applicable  |
| · 14.3 Transport hazard class(es)<br>· ADR, ADN, IMDG, IATA<br>· Class | Not applicable  |
| · 14.4 Packing group<br>· ADR, IMDG, IATA                              | Not applicable  |
| · 14.5 Environmental hazards:  | Not applicable. |
| · 14.6 Special precautions for user                                    | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments         | Not applicable. |
| · UN "Model Regulation":   | Not applicable  |

#### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I Substance is not listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
- Substance is not listed.
- REGULATION (EU) 2019/1148
- Regulation (EC) No 273/2004 on drug precursors
- Substance is not listed.
- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
- Substance is not listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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**Trade name: Antifoam PE-H 100mL**

(Cont. from page 7)

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- **Classification according to Regulation (EC) No 1272/2008**

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

- **Creation Date** 08.01.2024

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

- **\* Data modified compared to previous version.**

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