

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878

**Folisec**



|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: -           |
| 1.0     | 22.08.2025     | M0613       | Date of first issue: 22.08.2025 |

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

### 1.1 Product identifier

Trade name : Folisec

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

Use of the Sub- : Fertiliser  
stance/Mixture

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

Company : COMPO EXPERT GmbH  
Krögerweg 10  
D-48155 Münster

Telephone : +49 (0) 251 29 79 81 – 000

Telefax : +49 (0) 251 29 79 81 - 111

E-mail address of person : productsafety@compo-expert.com  
responsible for the SDS

### 1.4 Emergency telephone number

GBK GmbH - Global Regulatory Compliance - 24h  
Telephone: +49 (0) 6132 - 84463

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

#### **Additional Labelling**

EUH210 Safety data sheet available on request.

EUH208 Contains Garlic, ext.. May produce an allergic reaction.

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## 2.3 Other hazards

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Fertiliser  
organic

#### Components

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification                                                         | Concentration<br>(% w/w) |
|---------------|-------------------------------------------------------|------------------------------------------------------------------------|--------------------------|
| Garlic, ext.  | 8008-99-9<br>232-371-1                                | Flam. Liq. 3; H226<br>Skin Sens. 1; H317<br>Aquatic Chronic 3;<br>H412 | $\geq 0,25$ - $< 1$      |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| If inhaled              | : If breathed in, move person into fresh air.<br>In the case of inhalation of aerosol/mist consult a physician if necessary.                  |
| In case of skin contact | : Wash off immediately with soap and plenty of water.                                                                                         |
| In case of eye contact  | : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.<br>If eye irritation persists, consult a specialist. |
| If swallowed            | : Clean mouth with water and drink afterwards plenty of water.<br>Do NOT induce vomiting.                                                     |

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

None known.

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

Treatment : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Water  
Carbon dioxide (CO<sub>2</sub>)  
Dry powder  
Sand

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.  
Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Avoid contact with skin, eyes and clothing.  
Avoid formation of aerosol.  
Do not breathe vapours or spray mist.  
For personal protection see section 8.  
For disposal considerations see section 13.

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## 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform  
respective authorities.

## 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel,  
acid binder, universal binder, sawdust).

## 6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours or spray mist.  
Avoid contact with skin and eyes.  
Wear personal protective equipment.  
Smoking, eating and drinking should be prohibited in the ap-  
plication area.  
Dispose of rinse water in accordance with local and national  
regulations.

Advice on protection against : No special precautions required.  
fire and explosion

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Wash  
hands before eating, drinking, or smoking. Wash hands before  
breaks and at the end of workday.

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

Further information on stor- : Keep container tightly closed and in a well-ventilated place.  
age conditions

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

Recommended storage tem- : 5 - 40 °C  
perature

Further information on stor- : Protect from frost, heat and sunlight.  
age stability

### 7.3 Specific end use(s)

Specific use(s) : Not relevant

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Personal protective equipment

|                          |   |                                                                                                                                                                   |
|--------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection      | : | Safety glasses with side-shields conforming to EN166                                                                                                              |
| Hand protection          | : |                                                                                                                                                                   |
| Material                 | : | Rubber gloves                                                                                                                                                     |
| Guideline                | : | Equipment should conform to EN 374                                                                                                                                |
| Remarks                  | : | As the product is a mixture of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use.         |
| Skin and body protection | : | Long sleeved clothing                                                                                                                                             |
| Respiratory protection   | : | Do not breathe vapours or spray mist.<br>In the case of dust or aerosol formation use respirator with an approved filter.<br>Equipment should conform to EN 14387 |
| Filter type              | : | Combined particulates, inorganic and acidic gas/vapour, ammonia/amines and organic vapour type (ABEK-P)                                                           |
| Protective measures      | : | Handle in accordance with good industrial hygiene and safety practice.<br>Wash contaminated clothing before re-use.                                               |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                     |   |                   |
|---------------------|---|-------------------|
| Physical state      | : | liquid            |
| Colour              | : | brown, yellow     |
| Odour               | : | none              |
| Melting point/range | : | No data available |

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Boiling point/boiling range : No data available

Flammability : Will not burn

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : not determined

Auto-ignition temperature : does not ignite

pH : ca. 5

Solubility(ies)  
Water solubility : soluble

Partition coefficient: n-octanol/water : Not applicable

## 9.2 Other information

Explosives : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Self-ignition : not auto-flammable

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

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## 10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

## 10.4 Conditions to avoid

Conditions to avoid : Strong sunlight for prolonged periods.  
Avoid contact with combustible material (paper, wool, oil).

## 10.5 Incompatible materials

Materials to avoid : Combustible material  
Incompatible with strong acids and bases.  
Incompatible with oxidizing agents.  
Metals

## 10.6 Hazardous decomposition products

Nitrogen oxides (NO<sub>x</sub>)  
Oxygen

# SECTION 11: Toxicological information

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

### Acute toxicity

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

### Components:

#### Garlic, ext.:

|                           |   |                                                                       |
|---------------------------|---|-----------------------------------------------------------------------|
| Acute oral toxicity       | : | Assessment: The substance or mixture has no acute oral toxicity       |
| Acute inhalation toxicity | : | Assessment: The substance or mixture has no acute inhalation toxicity |
| Acute dermal toxicity     | : | Assessment: The substance or mixture has no acute dermal toxicity     |

### Skin corrosion/irritation

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

### Components:

#### Garlic, ext.:

Assessment : No skin irritation

### Serious eye damage/eye irritation

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

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## **Components:**

### **Garlic, ext.:**

Assessment : No eye irritation

## **Respiratory or skin sensitisation**

### **Skin sensitisation**

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

### **Respiratory sensitisation**

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

## **Components:**

### **Garlic, ext.:**

Assessment : May cause sensitisation by skin contact.  
Result : The product is a skin sensitizer, sub-category 1B.

Assessment : Does not cause respiratory sensitisation.

## **Germ cell mutagenicity**

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

## **Components:**

### **Garlic, ext.:**

Germ cell mutagenicity- Assessment : Weight of evidence does not support classification as a germ cell mutagen.

## **Carcinogenicity**

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

## **Components:**

### **Garlic, ext.:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

## **Reproductive toxicity**

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

## **Components:**

### **Garlic, ext.:**

Reproductive toxicity - Assessment : No toxicity to reproduction

No effects on or via lactation

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## **STOT - single exposure**

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

### **Components:**

#### **Garlic, ext.:**

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

## **STOT - repeated exposure**

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

### **Components:**

#### **Garlic, ext.:**

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

## **Aspiration toxicity**

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

### **Components:**

#### **Garlic, ext.:**

No aspiration toxicity classification

## **11.2 Information on other hazards**

### **Endocrine disrupting properties**

#### **Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Components:**

#### **Garlic, ext.:**

#### **Ecotoxicology Assessment**

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

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### 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

#### Product:

Assessment : 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.

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Do not flush into surface water or sanitary sewer system.  
In accordance with local and national regulations.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: Transport information

### 14.1 UN number or ID number

|      |                                     |
|------|-------------------------------------|
| ADR  | : Not regulated as a dangerous good |
| RID  | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

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## 14.2 UN proper shipping name

|      |   |                                   |
|------|---|-----------------------------------|
| ADR  | : | Not regulated as a dangerous good |
| RID  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

## 14.3 Transport hazard class(es)

|      |   |                                   |
|------|---|-----------------------------------|
| ADR  | : | Not regulated as a dangerous good |
| RID  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

## 14.4 Packing group

|                  |   |                                   |
|------------------|---|-----------------------------------|
| ADR              | : | Not regulated as a dangerous good |
| RID              | : | Not regulated as a dangerous good |
| IMDG             | : | Not regulated as a dangerous good |
| IATA (Cargo)     | : | Not regulated as a dangerous good |
| IATA (Passenger) | : | Not regulated as a dangerous good |

## 14.5 Environmental hazards

Not regulated as a dangerous good

## 14.6 Special precautions for user

Not applicable

## 14.7 Maritime transport in bulk according to IMO instruments

|                  |   |                                                   |
|------------------|---|---------------------------------------------------|
| Regulatory basis | : | IMSBC Code                                        |
| Remarks          | : | Product is not allowed to be transported in bulk. |

## SECTION 15: Regulatory information

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

|                                                                                                                                            |   |                |
|--------------------------------------------------------------------------------------------------------------------------------------------|---|----------------|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : | Not applicable |
|--------------------------------------------------------------------------------------------------------------------------------------------|---|----------------|

Not applicable

|                                                                                           |   |                |
|-------------------------------------------------------------------------------------------|---|----------------|
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). | : | Not applicable |
|-------------------------------------------------------------------------------------------|---|----------------|

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Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

## 15.2 Chemical safety assessment

Not relevant

## SECTION 16: Other information

### Full text of H-Statements

|      |                                                      |
|------|------------------------------------------------------|
| H226 | : Flammable liquid and vapour.                       |
| H317 | : May cause an allergic skin reaction.               |
| H412 | : Harmful to aquatic life with long lasting effects. |

### Full text of other abbreviations

|                 |                                      |
|-----------------|--------------------------------------|
| Aquatic Chronic | : Long-term (chronic) aquatic hazard |
| Flam. Liq.      | : Flammable liquids                  |
| Skin Sens.      | : Skin sensitisation                 |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified;

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NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

## Further information

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

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