

# SAFETY DATA SHEET

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



## Basfoliar® Inicial SP 26-10-10

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 10.11.2025  |
| 2.1     | 24.11.2025     | M0321       | Date of first issue: 25.01.2025 |

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

#### 1.1 Product identifier

|                                 |   |                                |
|---------------------------------|---|--------------------------------|
| Trade name                      | : | Basfoliar® Inicial SP 26-10-10 |
| Unique Formula Identifier (UFI) | : | MGJ5-00EX-500H-S228            |

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

|                              |   |            |
|------------------------------|---|------------|
| Use of the Substance/Mixture | : | Fertiliser |
|------------------------------|---|------------|

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

|                                                  |   |                                                      |
|--------------------------------------------------|---|------------------------------------------------------|
| Company                                          | : | COMPO EXPERT GmbH<br>Krögerweg 10<br>D-48155 Münster |
| Telephone                                        | : | +49 (0) 251 29 79 81 – 000                           |
| Telefax                                          | : | +49 (0) 251 29 79 81 - 111                           |
| E-mail address of person responsible for the SDS | : | productsafety@compo-expert.com                       |

#### 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)

|                                                |                                                            |
|------------------------------------------------|------------------------------------------------------------|
| Serious eye damage, Category 1                 | H318: Causes serious eye damage.                           |
| Reproductive toxicity, Category 1B             | H360FD: May damage fertility. May damage the unborn child. |
| Long-term (chronic) aquatic hazard, Category 3 | H412: Harmful to aquatic life with long lasting effects.   |

#### 2.2 Label elements

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

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Hazard pictograms

:



Signal word

:

Danger

Hazard statements

:

|        |                                                    |
|--------|----------------------------------------------------|
| H318   | Causes serious eye damage.                         |
| H360FD | May damage fertility. May damage the unborn child. |
| H412   | Harmful to aquatic life with long lasting effects. |

Precautionary statements

:

### Prevention:

|      |                                                                                                   |
|------|---------------------------------------------------------------------------------------------------|
| P201 | Obtain special instructions before use.                                                           |
| P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection. |

### Response:

|                           |                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P305 + P351 + P338 + P310 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. |
| P308 + P313               | IF exposed or concerned: Get medical advice/ attention.                                                                                                                    |

### Disposal:

|      |                                                                     |
|------|---------------------------------------------------------------------|
| P501 | Dispose of contents/ container to an approved waste disposal plant. |
|------|---------------------------------------------------------------------|

### Hazardous components which must be listed on the label:

Manganese sulfate  
Zinc sulphate heptahydrate  
boric acid

### Additional Labelling

Restricted to professional users.

## 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.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Inorganic fertiliser

##### Components

| Chemical name              | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number            | Classification                                                                                                                                                                                                                                                   | Concentration<br>(% w/w) |
|----------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Manganese sulfate          | 10034-96-5<br>232-089-9<br>01-2119456624-35-XXXX                 | Eye Dam. 1; H318<br>STOT RE 2; H373<br>Aquatic Chronic 2;<br>H411                                                                                                                                                                                                | $\geq 2,5 - < 3$         |
| Zinc sulphate heptahydrate | 7446-20-0<br>231-793-3<br>01-2119474684-27-XXXX                  | Acute Tox. 4; H302<br>Eye Dam. 1; H318<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410<br><br>M-Factor (Acute aquatic toxicity): 1<br>M-Factor (Chronic aquatic toxicity): 1<br><br>Acute toxicity estimate<br><br>Acute oral toxicity:<br>1.710 mg/kg | $\geq 1 - < 2,5$         |
| boric acid                 | 10043-35-3<br>233-139-2<br>005-007-00-2<br>01-2119486683-25-XXXX | Repr. 1B; H360FD                                                                                                                                                                                                                                                 | $\geq 0,3 - < 1$         |

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

Protection of first-aiders : First Aid responders should pay attention to self-protection

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- and use the recommended protective clothing  
If potential for exposure exists refer to Section 8 for specific personal protective equipment.
- If inhaled : If breathed in, move person into fresh air.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off immediately with plenty of water.  
Take off all contaminated clothing immediately.  
If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Keep eye wide open while rinsing.  
Protect unharmed eye.  
Continue rinsing eyes during transport to hospital.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.

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

- Symptoms : Ingestion may provoke the following symptoms:  
Methaemoglobinemia
- Risks : Causes serious eye damage.  
May damage fertility. May damage the unborn child.

### 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  
Dry chemical  
Water mist  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : High volume water jet  
Carbon dioxide (CO<sub>2</sub>)  
Foam  
Sand

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

- Specific hazards during fire-fighting : Thermal decomposition can lead to release of irritating gases and vapours.  
Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Nitrogen oxides (NO<sub>x</sub>)  
Carbon oxides

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
The product itself does not burn.

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## 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.  
Wash contaminated clothing before re-use.  
Avoid breathing dust.  
For personal protection see section 8.  
For disposal considerations see section 13.

### 6.2 Environmental precautions

- Environmental precautions : Do not flush into surface water or sanitary sewer system.  
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 : Pick up and transfer to properly labelled containers.

### 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

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- Advice on safe handling : Avoid contact with skin and eyes.  
Wear personal protective equipment.  
Keep away from combustible material.  
Keep away from heat and sources of ignition.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : The product is not flammable.
- 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 storage conditions : Keep away from sources of ignition - No smoking. Keep away from direct sunlight. Protect from moisture.
- Advice on common storage : Keep away from combustible materials.  
Keep away from strong acids.  
Keep away from strong bases.  
Keep away from food, drink and animal feedingstuffs.
- Storage class : 5.1C, Ammonium nitrate and ammonium nitrate containing preparations
- Further information on storage stability : Protect from frost, heat and sunlight.

### 7.3 Specific end use(s)

- Specific use(s) : Not relevant

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components                      | CAS-No.    | Value type (Form of exposure) | Control parameters                 | Basis       |
|---------------------------------|------------|-------------------------------|------------------------------------|-------------|
| Manganese sulfate               | 10034-96-5 | TWA (inhalable fraction)      | 0,2 mg/m <sup>3</sup> (Manganese)  | 2017/164/EU |
| Further information: Indicative |            |                               |                                    |             |
|                                 |            | TWA (Respirable fraction)     | 0,05 mg/m <sup>3</sup> (Manganese) | 2017/164/EU |
| Further information: Indicative |            |                               |                                    |             |
|                                 |            | OELV - 8 hrs                  | 0,05 mg/m <sup>3</sup>             | IE OEL      |

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|            |                                                                                           |                                         |                                   |        |
|------------|-------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------|--------|
|            |                                                                                           | (TWA) (respirable)                      | (Manganese)                       |        |
|            |                                                                                           | OELV - 8 hrs (TWA) (inhalable fraction) | 0,2 mg/m <sup>3</sup> (Manganese) | IE OEL |
| boric acid | 10043-35-3                                                                                | OELV - 8 hrs (TWA)                      | 2 mg/m <sup>3</sup>               | IE OEL |
|            | Further information: Repr 1B - Substances which are presumed human reproductive toxicants |                                         |                                   |        |

### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166

Hand protection

Material : 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 : In the case of dust or aerosol formation use respirator with an approved filter.  
Equipment should conform to EN 14387

Filter type : Filter type P

Protective measures : Handle in accordance with good industrial hygiene and safety practice.  
Wash contaminated clothing before re-use.

### SECTION 9: Physical and chemical properties

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

Physical state : solid

Colour : green

Odour : none

Melting point/range : not determined

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|                                                        |   |                                                                |
|--------------------------------------------------------|---|----------------------------------------------------------------|
| Boiling point/boiling range                            | : | not determined                                                 |
| Flammability                                           | : | Will not burn                                                  |
| Upper explosion limit / Upper flammability limit       | : | Not applicable                                                 |
| Lower explosion limit / Lower flammability limit       | : | Not applicable                                                 |
| Flash point                                            | : | Not applicable                                                 |
| Auto-ignition temperature                              | : | does not ignite                                                |
| Decomposition temperature                              | : | > 130 °C<br>To avoid thermal decomposition, do not overheat.   |
| pH                                                     | : | ca. 3,5                                                        |
| Solubility(ies)<br>Water solubility                    | : | soluble                                                        |
| Partition coefficient: n-octanol/water                 | : | Not applicable                                                 |
| Density                                                | : | not determined                                                 |
| Bulk density                                           | : | ca. 925 kg/m3                                                  |
| Particle characteristics<br>Particle Size Distribution | : | D50 = 580 µm ± 120 µm<br>Measurement technique: Sieve analysis |

### 9.2 Other information

|                      |   |                                                          |
|----------------------|---|----------------------------------------------------------|
| Explosives           | : | Not explosive                                            |
| Oxidizing properties | : | The substance or mixture is not classified as oxidizing. |

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Self-ignition : not auto-flammable

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : None reasonably foreseeable.  
Heating can release hazardous gases.

### 10.4 Conditions to avoid

Conditions to avoid : Hot surface(s)  
Direct sources of heat.

### 10.5 Incompatible materials

Materials to avoid : Strong bases  
Organic materials  
Strong acids  
Powdered metals

### 10.6 Hazardous decomposition products

Hazardous decomposition products : Oxides of phosphorus  
Nitrogen oxides (NO<sub>x</sub>)

## 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.

#### Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg  
Method: Calculation method

#### Components:

#### Manganese sulfate:

Acute oral toxicity : Assessment: The substance or mixture has no acute oral toxicity

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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

### Zinc sulphate heptahydrate:

Acute oral toxicity : LD50 (Rat): 1.710 mg/kg  
Assessment: Harmful if swallowed.  
Remarks: anhydrous substance

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

### boric acid:

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:

##### Manganese sulfate:

Assessment : No skin irritation

##### Zinc sulphate heptahydrate:

Assessment : No skin irritation

##### boric acid:

Assessment : No skin irritation

### Serious eye damage/eye irritation

Causes serious eye damage.

#### Components:

##### Manganese sulfate:

Assessment : Risk of serious damage to eyes.

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### **Zinc sulphate heptahydrate:**

Assessment : Risk of serious damage to eyes.

### **boric acid:**

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:**

#### **Manganese sulfate:**

Assessment : Does not cause skin sensitisation.

Assessment : Does not cause respiratory sensitisation.

#### **Zinc sulphate heptahydrate:**

Assessment : Does not cause skin sensitisation.

Assessment : Does not cause respiratory sensitisation.

#### **boric acid:**

Assessment : Does not cause skin sensitisation.

Assessment : Does not cause respiratory sensitisation.

### **Germ cell mutagenicity**

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

### **Components:**

#### **Manganese sulfate:**

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

#### **Zinc sulphate heptahydrate:**

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

#### **boric acid:**

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

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essment cell mutagen.

### Carcinogenicity

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

#### Components:

##### **Manganese sulfate:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

##### **Zinc sulphate heptahydrate:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

##### **boric acid:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

### Reproductive toxicity

May damage fertility. May damage the unborn child.

#### Components:

##### **Manganese sulfate:**

Reproductive toxicity - Assessment : No toxicity to reproduction

No effects on or via lactation

##### **Zinc sulphate heptahydrate:**

Reproductive toxicity - Assessment : No toxicity to reproduction

No effects on or via lactation

##### **boric acid:**

Effects on fertility : Remarks: Clear evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments

Reproductive toxicity - Assessment : Clear evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments

No effects on or via lactation

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### STOT - single exposure

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

#### Components:

##### **Manganese sulfate:**

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

##### **Zinc sulphate heptahydrate:**

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

##### **boric acid:**

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:

##### **Manganese sulfate:**

Assessment : The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

##### **Zinc sulphate heptahydrate:**

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

##### **boric acid:**

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:

##### **Manganese sulfate:**

No aspiration toxicity classification

##### **Zinc sulphate heptahydrate:**

No aspiration toxicity classification

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### boric acid:

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.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### Manganese sulfate:

Toxicity to fish (Chronic toxicity) : NOEC: 4.496,89 µg/l  
Exposure time: 30 d  
Method: OECD Test Guideline 210

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 10 µg/l  
Exposure time: 20 d

##### Zinc sulphate heptahydrate:

Toxicity to fish : LC50 : 315 µg/l  
Exposure time: 96 h

M-Factor (Acute aquatic toxicity) : 1

Toxicity to fish (Chronic toxicity) : NOEC: 1.480 µg/l  
Exposure time: 30 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 14 - 718 µg/l  
Exposure time: 21 d

M-Factor (Chronic aquatic toxicity) : 1

### boric acid:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 79,7 mg/l

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Remarks: Boron

Toxicity to daphnia and other aquatic invertebrates : LC50 (Ceriodaphnia dubia (water flea)): 91 mg/l  
Remarks: Boron

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (microalgae)): 52,4 mg/l  
Remarks: Boron

Toxicity to fish (Chronic toxicity) : NOEC: 6,4 mg/l  
Species: Danio rerio (zebra fish)  
Remarks: Boron

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 14,2 mg/l  
Species: Daphnia magna (Water flea)  
Remarks: Boron

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

#### Components:

##### **boric acid:**

Partition coefficient: n-octanol/water : log Pow: -1,09 (22 °C)

### 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.

#### Components:

##### **Manganese sulfate:**

Assessment : Substance is not persistent, bioaccumulative, and toxic (PBT).  
Substance is not very persistent and very bioaccumulative (vPvB).

##### **boric acid:**

Assessment : Substance is not persistent, bioaccumulative, and toxic (PBT).  
Substance is not very persistent and very bioaccumulative (vPvB).

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### 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

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

|                        |                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                | : Do not flush into surface water or sanitary sewer system.<br>Dispose of in accordance with local regulations.<br>Waste codes should be assigned by the user based on the application for which the product was used. |
| Contaminated packaging | : Empty remaining contents.<br>Empty containers should be taken to an approved waste handling site for recycling or disposal.<br>Empty containers retain residue and can be dangerous.                                 |

---

## 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 |

### 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 |
|-----|-------------------------------------|

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|             |   |                                   |
|-------------|---|-----------------------------------|
| <b>RID</b>  | : | Not regulated as a dangerous good |
| <b>IMDG</b> | : | Not regulated as a dangerous good |
| <b>IATA</b> | : | Not regulated as a dangerous good |

### 14.4 Packing group

|                         |   |                                   |
|-------------------------|---|-----------------------------------|
| <b>ADR</b>              | : | Not regulated as a dangerous good |
| <b>RID</b>              | : | Not regulated as a dangerous good |
| <b>IMDG</b>             | : | Not regulated as a dangerous good |
| <b>IATA (Cargo)</b>     | : | Not regulated as a dangerous good |
| <b>IATA (Passenger)</b> | : | 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) | : | Banned and/or restricted |
|--------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------|

|                                                                                           |   |            |
|-------------------------------------------------------------------------------------------|---|------------|
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). | : | boric acid |
|-------------------------------------------------------------------------------------------|---|------------|

|                                                                         |   |                |
|-------------------------------------------------------------------------|---|----------------|
| 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 |
|-----------------------------------------------------------------|---|----------------|

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors

|                                                                                                                                |   |                                                            |
|--------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------|
| This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts | : | potassium nitrate (ANNEX II)<br>ammonium nitrate (ANNEX I) |
|--------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------|

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should be reported to the relevant national contact point.

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

### Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

### 15.2 Chemical safety assessment

Not relevant

## SECTION 16: Other information

### Full text of H-Statements

|        |                                                                      |
|--------|----------------------------------------------------------------------|
| H302   | : Harmful if swallowed.                                              |
| H318   | : Causes serious eye damage.                                         |
| H360FD | : May damage fertility. May damage the unborn child.                 |
| H373   | : May cause damage to organs through prolonged or repeated exposure. |
| H400   | : Very toxic to aquatic life.                                        |
| H410   | : Very toxic to aquatic life with long lasting effects.              |
| H411   | : Toxic to aquatic life with long lasting effects.                   |

### Full text of other abbreviations

|                             |                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Acute Tox.                  | : Acute toxicity                                                                                                                |
| Aquatic Acute               | : Short-term (acute) aquatic hazard                                                                                             |
| Aquatic Chronic             | : Long-term (chronic) aquatic hazard                                                                                            |
| Eye Dam.                    | : Serious eye damage                                                                                                            |
| Repr.                       | : Reproductive toxicity                                                                                                         |
| STOT RE                     | : Specific target organ toxicity - repeated exposure                                                                            |
| 2017/164/EU                 | : Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values          |
| IE OEL                      | : Ireland. List of Chemical Agents and Carcinogens with Occupational Exposure Limit Values - Code of Practice, Schedule 1 and 2 |
| 2017/164/EU / TWA           | : Limit Value - eight hours                                                                                                     |
| IE OEL / OELV - 8 hrs (TWA) | : Occupational exposure limit value (8-hour reference period)                                                                   |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-

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ing 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; 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; TECL - 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

#### Classification of the mixture:

|                   |        |
|-------------------|--------|
| Eye Dam. 1        | H318   |
| Repr. 1B          | H360FD |
| Aquatic Chronic 3 | H412   |

#### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |

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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