

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
[amended by EC Reg. No. 878/2020]

Issued: 27.06.2017 Valid from: 30.01.2025 Revised: 01/2025
Version: 01/2025 Replaces Version: 01/2020 page 1 of 8

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

- 1.1 Product identifier:**
Trade name:
FERREX®
Article No.:
- Authorisation Number:**
MAPP 19138 (Great Britain and Northern Ireland)
- 1.2 Relevant identified uses of the substance or mixture and**
Bait for the control of slugs with high productiveness (a.i. Iron(III)-orthophosphate). Only for professional use.
Uses advised against
Not for consumer use.
- 1.3 Details of the supplier of the safety data sheet**
frunol delicia® GmbH
Address:
Main office: Duebener Strasse 145
04509 Delitzsch
Germany
Tel.: +49 (0)34202 / 65300
Fax: +49 (0)34202 / 65309
E-mail:
info@frunol-delicia.de
Informing department:
Lab department, Tel.: +49 (0)34202 / 65525
- Branch office: Hansastrasse 74 b
59425 Unna
Germany
Tel.: +49 (0)2303 / 253600
Fax: +49 (0)2303 / 2536050
- 1.4** Emergency contact: UK National Poisons Information Service (24 h)
Tel.: 0121 507 4123
- UFI-Code: T5S7-W0M6-8009-X67F

SECTION 2 HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
Classification acc. to the regulation (EC) no. 1272/2008 (CLP):
Danger categories: not classified
Hazard statements*: not classified
- 2.2 Label elements:**
Hazard pictograms: none
Signal word: none
- Components to be labelled: Iron (III) phosphate 25 g/kg, CAS-No. 14567-75-0

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SECTION 2 HAZARDS IDENTIFICATION (continuation)

Precautionary statements*: P101, P102, P501
Other statements*: EUH401 – To avoid risks to human health and the environment comply with the instructions for use
Further labelling elements (national) see section 15.

2.3. Additional information:

None

* Wording see section 16.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances:

This product is a mixture.

3.2 Mixture

3.2.1 Hazardous ingredients

Substance name:	Ethylenediaminetetraacetic acid sodium salt
Index-No.:	-
EC-No.:	200-573-9
CAS-No.:	64-02-8
REACH Rg.-No.:	01-2119486399-18-x
Concentration (weight. %):	< 3,0 % w/w
Classification according to Regulation (EC) no. 1272/2008:	Acute Tox. 4, H332 Eye Dam. 1, H318 Skin Irrit. 2, H315 STOT RE. 2, H373
M-Factor:	none
Signal word:	Danger

3.2.2 Substances with mandatory EC thresholds (WEL): (0,1%):

none

3.2.3 Substances classified as vPvB:

none

* (The wording of the mentioned danger advices is to be read in section 16)

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SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Remove to fresh air, seek medical advice if necessary.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap.

After eye contact:

In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

Following ingestion:

If swallowed, seek medical advice immediately and show container or label.

Self-protection of the first aider:

Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

none

4.3 Indication of any immediate medical attention and special treatment needed

No specific antidote.

Advices for the physician:

Treatment symptomatically

SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Water spray jet, powder, foam

Unsuitable extinguishing media:

Full water jet

5.2 Special hazards arising from the substance or mixture

At fire hazardous vapours/gases may be formed: carbon monoxide, carbon dioxide, NOx. Formation of explosive vapour/air-mixtures possible.

5.3 Advices for firefighters:

Stay in the danger zone with self-contained breathing apparatus only, in emergency cases wear respiratory mask with filter AB-P. Cool endangered containers from safe distance and condense exhausting vapours with water. Avoid intrusion of fire water into surface- and ground waters and soil.

5.4 Additional information:

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SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

Take care for ventilation, wear protective gloves (chemical resistant, if possible).

6.1.2 For emergency responders

Personal protection equipment:

Wear protective gloves (chemical resistant, if possible).

6.2 Environmental precautions:

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Sweep up and collect in suited bins (special waste).

6.4 Reference to other sections

Pay attention to the protective measures in sections 7 and 8.

6.5 Additional information

none

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Advices on safe handling:

To avoid risks for human and environment follow the instructions for use. Use in living quarters only if domestic animals can be kept away. Do not apply in heaps. Avoid all unnecessary contact with the agent. Misuse may lead to damages to health.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature:

Max. +35 °C

Storage restrictions:

Store cool, dry and in the closed original containers. Protect from strong solar irradiation.

Storage advices with other products:

Keep away from food, drink and animal feeding stuffs.

Additional advices:

Keep out of reach of children. Storage class see section 15.

7.3 Specific end uses:

Control of slugs in cultivated areas.

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SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Control parameters**
No data available
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls**
No data available
- 8.2.2 Personal protection equipment:**
Eye/face protection:
At proper use no eye protection necessary.
Skin protection:
Protective gloves CE cat. II or III (nitrile, nitrile coating or vinyl)
- 8.2.3 Environmental exposure controls**
No data available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties**
- Appearance**
- Physical state** Solid
- Form:** Granule
- Colour** Blue
- Odor:** Nearly odourless
- Safety relevant basis data**
- Melting point / range:** °C
- Boiling point / range:** °C
- Flash point:** °C
- Ignition point:** °C
- Explosion limit, lower:** Vol.-%
- Explosion limit, upper:** Vol.-%
- Vapour pressure (20°C):** hPa
- Vapour pressure: (25°C):** hPa
- Density (20°C):** g/ml
- Bulk density (20°C):** 0.66 – 0.68 kg/l
- Solubility in water (20°C):**
- Solubility in organic solvents (20°C):** g/l
- pH-value in original (°C):**
- pH-value in 10 g/l of water (20°C):**
- Partition coefficient (log Po/w):**
- Viscosity (20°C):** mm²/sec
- Content of solvents:** % w/w
- 9.2 Other information:** Water content < 14 %.

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SECTION 10 STABILITY AND REACTIVITY:

- 10.1 Reactivity:**
The product is inert, avoid contact with strong oxidizers.
- 10.2 Chemical stability:**
Under normal conditions the product is chemically stable.
- 10.3 Possible dangerous reactions:**
At intended use no dangerous reactions are expected.
- 10.4 Conditions to avoid:**
Temperatures > 40°C, strong solar irradiation
- 10.5 Incompatible materials:**
none
- 10.6 Hazardous decomposition products:**
None

SECTION 11 TOXICOLOGICAL INFORMATION

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- Acute oral toxicity**
Based on available data, the classification criteria are not met
- Acute dermal toxicity:**
Based on available data, the classification criteria are not met
- Acute inhalation toxicity:**
Based on available data, the classification criteria are not met
- Skin corrosion/irritation:**
Based on available data, the classification criteria are not met
- Serious eye damage/irritation:**
Based on available data, the classification criteria are not met
- 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
- Additional information:**
Based on available data, the classification criteria are not met
- 11.2 Information on other hazards**
- Endocrine disrupting properties:**
This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meet the criteria.

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Section 12 ECOLOGICAL INFORMATION

- | | |
|------|--|
| 12.1 | <p>Toxicity:
Aquatic toxicity:
Not toxic to fish and other aquatic organisms.
Toxicity to bees:
Not harmful to bees. (B3)</p> |
| 12.2 | <p>Persistence and degradability
The agent is well biologically degradable.</p> |
| 12.3 | <p>Bioaccumulative potential
No data available</p> |
| 12.4 | <p>Mobility in soil
No data available</p> |
| 12.5 | <p>Results of PBT and vPvB assessment
This product does not contain a substance that has PBT or vPvB properties.</p> |
| 12.6 | <p>Endocrine-disrupting properties:
This product does not contain a substance that has endocrine disrupting properties with respect to nontarget organisms as no components meets the criteria.</p> |
| 12.7 | <p>Other adverse effects
No data available.</p> |

Section 13 Disposal considerations

- | | |
|--------|---|
| 13.1 | <p>Waste treatment methods</p> |
| 13.1.1 | <p>Product/Packaging disposal
Special waste, pay attention to the national and regional regulations.</p> |
| 13.1.2 | <p>Uncleaned packages:
Special waste, pay attention to the national and regional regulations.</p> |

Section 14 TRANSPORT INFORMATION

UN / ID-Nr.: - - - This product is not classified as dangerous good.

Section 15 REGULATORY INFORMATION

- | | |
|------|--|
| 15.1 | <p>Safety, health and environmental regulations/legislation specific for the substance or mixture</p> |
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Section 16 Other information

WORDING DANGER REFERENCES AND SAFETY ADVICES:

Hazard categories:

Acute Tox. 4: Acute toxicity category 2; (H332)
 Eye Dam. 1: Eye Damage category 1; (H318)
 Skin Irrit. 2: Skin Irritation category 2; (H315)
 STOT RE. 2: Specific target organ toxicity, repeated exposure category 2; (H373)

Hazard statements:

H315: Causes skin irritation.
 H318: Causes serious eye damage.
 H332: Harmful if inhaled
 H373: May cause damage to organs through prolonged or repeated exposure.
 EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.
 P501: Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

Additional Information:

Authorisation Number: 0011 of 2025 (Great Britain and Northern Ireland)
 LOW-RISK PLANT PROTECTION PRODUCT
 MAPP number: 19138

Specific product advices:

Handling / Application of the product in accordance with the instructions for use of the manufacturer only.
 Misuse may lead to damages to health. The product does not contain any SVHC substances of the REACH regulation (EC) no. 1907/2006.

Generic Exposure Scenarios (GES)

End uses

Professional usage (SU 22)

Product category: PC27 (plant protective)

Environmental Release Categories (ERC):

Wide disperse outdoor use of long-life articles and materials with low release (ERC 10a).

Sources for preparation of this Safety Data Sheet:

Current regulation of Hazardous Substances (Germany), regulation (EC) no. 1907/2006 (REACH) article 31, regulation (EC) no.

1272/2008 (CLP), regulation (EC) no. 830/2015, MSDS of the components.

* These statements have been changed compared to prior versions of the data sheet.

These information are based on actual state of our knowledge, they are not a guarantee of our product qualities and involve no contractual relationship.