# SAFETY DATA SHEET
# RODEX WHOLE WHEAT BAIT (EU)

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

### 1.1. Product identifier

**Product name** RODEX WHOLE WHEAT BAIT (EU)

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

**Identified uses** Ready for use Rodenticide containing 50ppm Bromadiolone.

**Uses advised against** No specific uses advised against are identified.

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

**Supplier**

PelGar International Ltd
Unit 13
Newman Lane
Alton
Hampshire
GU34 2QR
United Kingdom
+44(0)1420 80744
christine.unsworth@pelgar.co.uk

### 1.4. Emergency telephone number

**Emergency telephone** +44(0)1420 80744 (Monday - Friday 9.00am - 5pm GMT)

# RODEX WHOLE WHEAT BAIT (EU)

**National emergency telephone number**

Austria: +43 1 406 43 43
Belgium: 070 245 245
Bulgaria: +359 2 9154 233
Croatia: +3851 2348 342
Cyprus: 1401
Czech Republic: +420 224 919 293, +420 224 915 402
Denmark: +45 8212 1212
Estonia: 16662
Finland: 0800 147 111
France: + 33 (0)1 45 42 59 59
Germany: +44 (0)1420 80744 (9am-5pm Monday- Friday GMT)
Greece: (0030) 2107793777
Hungary: +36-80-201-199
Iceland: (+354) 543 1000 / 112
Ireland: Members of Public: +353 (01) 809 2166. (8am-10pm daily)
Ireland: Healthcare Professionals: +353 (01) 809 2566 (24 hour service)
Italy: 0382-24444
Latvia: +371 67042473
Liechtenstein: +44 (0)1420 80744 (9am-5pm Monday- Friday GMT)
Lithuania: +370 (85) 2362052
Luxembourg: 8002 5500
Malta: +44 (0)1420 80744 (9am-5pm Monday- Friday GMT)
Netherlands: +31(0)30 274 8888 Healthcare Professionals only
Norway: 22 59 13 00
Poland: +44 (0)1420 80744 (9am-5pm Monday- Friday GMT)
Portugal: +351 800 250 250
Romania: +40213183606
Slovakia: +421 2 5477 4166
Slovenia: 112
Spain: +34 91 562 04 20
Sweden: 112 – Begär Giftinformation

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification (EC 1272/2008)**

**Physical hazards** Not Classified

**Health hazards** Repr. 1B - H360D STOT RE 1 - H372

**Environmental hazards** Not Classified

### 2.2. Label elements

**Hazard pictograms**

**Signal word** Danger

**Hazard statements**

H360D May damage the unborn child.
H372 Causes damage to organs (Blood) through prolonged or repeated exposure.

# RODEX WHOLE WHEAT BAIT (EU)

| | |
|---|---|
| **Precautionary statements** | P201 Obtain special instructions before use.<br>P202 Do not handle until all safety precautions have been read and understood.<br>P260 Do not breathe dust.<br>P280 Wear protective gloves.<br>P308+P313 IF exposed or concerned: Get medical advice/ attention.<br>P314 Get medical advice/ attention if you feel unwell.<br>P405 Store locked up.<br>P501 Dispose of contents/ container in accordance with national regulations. |
| **Supplemental label information** | EUH 208 Contains 1, 2- Benzisothiazolin-3-one. May produce an allergic reaction. |
| **UFI** | UFI: KA20-J09Y-X000-8S96 |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Methic Red 3B Liquid** **<0.1%**

CAS number: —

**Classification**
Acute Tox. 4 - H302
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

**2,2'-Iminodiethanol** **<0.1%**

CAS number: 111-42-2 EC number: 203-868-0

**Classification**
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT RE 2 - H373

**1,2-BENZISOTHIAZOLIN-3-ONE** **0.02%**

CAS number: 2634-33-5 EC number: 220-120-9

M factor (Acute) = 1

**Classification**
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Aquatic Acute 1 - H400

# RODEX WHOLE WHEAT BAIT (EU)

| **BROMADIOLONE (EU)** | | **0.005%** |
|---|---|---|
| CAS number: 28772-56-7 | EC number: 249-205-9 | |
| M factor (Acute) = 1 | M factor (Chronic) = 1 | |

**Classification**
Acute Tox. 1 - H300
Acute Tox. 1 - H310
Acute Tox. 1 - H330
Repr. 1B - H360D
STOT RE 1 - H372
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

| **Denatonium Benzoate** | | **0.001%** |
|---|---|---|
| CAS number: 3734-33-6 | EC number: 223-095-2 | |

**Classification**
Acute Tox. 4 - H332
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

The full text for all hazard statements is displayed in Section 16.

**Ingredient notes** Methic Red 3B dye is only used to produce the red coloured whole wheat bait.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Advice for Medical Doctors: Bromadiolone is an indirect anti-coagulant. Phytomenadione, Vitamin K, is antidotal. Determin prothrombin time not less than 18 hours after consumption. If elevated, administer Vitamin K1 until prothrombin time normalises. Continue determination of prothrombin time for two weeks after withdrawal of antidote and resume treatment if elevation occurs in that time.

**Inhalation** Unlikely route of exposure as the product does not contain volatile substances. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.

**Ingestion** Rinse mouth thoroughly with water. Get medical attention immediately.

**Skin contact** May cause irritation to susceptible persons. Immediately take off all contaminated clothing. Wash immediately with plenty of soap and water and seek medical advice

**Eye contact** May cause eye irritation to susceptible persons. Rinse immediately with plenty of water and seek medical advice. Rinse cautiously with water for several minutes. Get medical attention if irritation persists after washing.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue.

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

**General information** The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

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**Inhalation** Unlikely to present an inhalation hazard. If symptoms develop move the exposed person to fresh air. Immediately obtain medical advice.

**Ingestion** Rinse mouth. Do NOT induce vomiting. Call a doctor immediately.

**Skin contact** Prolonged contact may cause dryness of the skin.

**Eye contact** No specific symptoms known. May be slightly irritating to eyes.

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** None known.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

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

**Storage precautions** Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**Usage description** Ready to use rodenticide containing 50 ppm Bromadiolone.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

Propane-1,2-diol (Propane-1,2-diol Particulates) WEL 8-Hr limit mg/M3: 10
Propane-1,2-diol (Propane-1,2-diol total vapour and particulates) WEL 8-Hr limit ppm: 150
WEL 8Hr limit mg/M3: 474
Whole Wheat Grain WEL 8-hr limit mg/m3: 10 (grain dust) WEL 15 min limit mg/m3: 30 (grain dust)

### 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate ventilation.

**Personal protection** Keep away from food stuffs.

**Eye/face protection** No specific eye protection required during normal use. Avoid contact with eyes.

**Hand protection** Suitable chemical resistant gloves are recommended for professional users.

**Other skin and body protection** Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

**Hygiene measures** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

**Respiratory protection** No specific recommendations. Provide adequate ventilation.

**Environmental exposure controls** Keep container tightly sealed when not in use. Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

**Appearance** Whole wheat granules.

**Colour** Red or Blue

**Odour** Slight.

**Odour threshold** No information available.

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| | |
|---|---|
| **pH** | No information available. |
| **Melting point** | Not relevant. |
| **Initial boiling point and range** | Not relevant. |
| **Flash point** | No information available. |
| **Evaporation rate** | Not relevant. |
| **Evaporation factor** | No information available. |
| **Flammability (solid, gas)** | combustible |
| **Upper/lower flammability or explosive limits** | No information available. |
| **Other flammability** | No information available. |
| **Vapour pressure** | Not relevant. |
| **Vapour density** | Not relevant. |
| **Relative density** | 1.27 |
| **Bulk density** | No information available. |
| **Solubility(ies)** | No information available. |
| **Partition coefficient** | Not relevant. |
| **Auto-ignition temperature** | No information available. |
| **Decomposition Temperature** | No information available. |
| **Viscosity** | Not relevant. |
| **Explosive properties** | Not considered to be explosive. |
| **Explosive under the influence of a flame** | Not considered to be explosive. |
| **Oxidising properties** | Not oxidising. |

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Oxidising agents.

### 10.4. Conditions to avoid

**Conditions to avoid** Heat, flames and sparks.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

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### 10.6. Hazardous decomposition products

| | |
|---|---|
| **Hazardous decomposition products** | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. |

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity - oral**

| | |
|---|---|
| **Notes (oral $LD_{50}$)** | >2000 mg/kg |

**Acute toxicity - dermal**

| | |
|---|---|
| **Notes (dermal $LD_{50}$)** | >2000 mg/kg |

**Acute toxicity - inhalation**

| | |
|---|---|
| **Notes (inhalation $LC_{50}$)** | >5 mg/l (Dust) |

**Skin corrosion/irritation**

| | |
|---|---|
| **Animal data** | Based on available data the classification criteria are not met. |

**Serious eye damage/irritation**

| | |
|---|---|
| **Serious eye damage/irritation** | Based on available data the classification criteria are not met. |

**Respiratory sensitisation**

| | |
|---|---|
| **Respiratory sensitisation** | Based on available data the classification criteria are not met. |

**Skin sensitisation**

| | |
|---|---|
| **Skin sensitisation** | Based on available data the classification criteria are not met. |

**Germ cell mutagenicity**

| | |
|---|---|
| **Genotoxicity - in vitro** | Based on available data the classification criteria are not met. |

**Carcinogenicity**

| | |
|---|---|
| **Carcinogenicity** | Based on available data the classification criteria are not met. |
| **IARC carcinogenicity** | None of the ingredients are listed or exempt. |

**Reproductive toxicity**

| | |
|---|---|
| **Reproductive toxicity - fertility** | Based on available data the classification criteria are not met. |
| **Reproductive toxicity - development** | May damage the unborn child. |

**Specific target organ toxicity - single exposure**

| | |
|---|---|
| **STOT - single exposure** | Not classified as a specific target organ toxicant after a single exposure. |

**Specific target organ toxicity - repeated exposure**

| | |
|---|---|
| **STOT - repeated exposure** | STOT RE 1 - H372 |

**Aspiration hazard**

| | |
|---|---|
| **Aspiration hazard** | Not relevant. Solid. |

| | |
|---|---|
| **General information** | Avoid contact during pregnancy/while nursing. May damage fertility. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| **Inhalation** | No specific symptoms known. |
| **Ingestion** | See section 4 - First Aid |
| **Skin contact** | Prolonged contact may cause dryness of the skin. |

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**Eye contact** No specific symptoms known.

**Route of exposure** Ingestion Inhalation Skin and/or eye contact

**Toxicity of ingredients** Denatonium Benzoate: LD50 Oral (Rat) = 584 mg/kg LC50 (Rat) 4h: >8.7 mg/l Bromadiolone Acute Oral ≤5mg/kg Acute Dermal ≤50mg/kg Acute Inhalation ≤0.05mg/kg (Commission Regulation 2016/1179)

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

### 12.1. Toxicity

**Toxicity** Based on available data the classification criteria are not met.

### 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not relevant.

### 12.4. Mobility in soil

**Mobility** No data available.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

**Other adverse effects** Toxic to mammals, including domesticated animals and birds if ingested. Exposure of non-target animals should be prevented.

**Toxicity of ingredients** Bromadiolone Daphnia EC50/48Hr = 5.79 mg/l Rainbow trout LC50/96Hr = 2.89 mg/l

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** This material and its container must be disposed of in a safe way.

**Disposal methods** Dispose of in accordance with applicable regional, national, and local laws and regulations. Dispose of Contaminated packaging as unused product unless fully cleaned.

**Waste class** Waste disposal key number from EWC is 20 01 19 (Pesticides)

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

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Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

**National regulations**
Authorisation number: IE/BPA 70584
Health and Safety at Work etc. Act 1974 (as amended).
EH40/2005 Workplace exposure limits.
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

**EU legislation**
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

**EU - EINECS/ELINCS**
None of the ingredients are listed or exempt.

## SECTION 16: Other information

# RODEX WHOLE WHEAT BAIT (EU)

**Abbreviations and acronyms used in the safety data sheet**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
CAS: Chemical Abstracts Service.
ATE: Acute Toxicity Estimate.
$LC_{50}$: Lethal Concentration to 50 % of a test population.
$LD_{50}$: Lethal Dose to 50% of a test population (Median Lethal Dose).
$EC_{50}$: 50% of maximal Effective Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

**Classification abbreviations and acronyms**

Repr. = Reproductive toxicity
STOT RE = Specific target organ toxicity-repeated exposure

**Classification procedures according to Regulation (EC) 1272/2008**

STOT RE 1 - H372: Commission Regulation (EU) 2016/1179 Repr. 1B - H360D: Commission Regulation (EU) 2016/1179

**Revision date**

20/07/2021

**Revision**

11

**Supersedes date**

13/06/2018

**SDS number**

20904

**Hazard statements in full**

H300 Fatal if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H360D May damage the unborn child.
H372 Causes damage to organs (Blood) through prolonged or repeated exposure.
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.
H412 Harmful to aquatic life with long lasting effects.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.