

# RASCAL BRODIFACOUM 50 MULTI BLOCKS

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law  
Reference number: 000206  
Issue date: 10/11/2022 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : RASCAL BRODIFACOUM 50 MULTI BLOCKS  
UFI : XM30-40NX-H00E-6W15  
Type of product : Biocidal products (e.g. Disinfectants, pest control)  
Product group : End product

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : Rodenticides  
Function or use category : Ready to use Rodenticide containing 50ppm Brodifacoum.

##### 1.2.2. Uses advised against

No additional information available

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

1ENV Solutions Limited  
Unit 4 Airbourne Industrial Estate Arterial Road  
SS9 4EX Leigh on Sea – Essex  
United Kingdom  
T +44 (0)1702 617057

#### 1.4. Emergency telephone number

Emergency number : +44 (0)1702 617057

| Country        | Organisation/Company   | Address                | Emergency number | Comment                           |
|----------------|--|------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH | 0344 892 0111    | Only for healthcare professionals |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin sensitisation, Category 1 H317  
Reproductive toxicity, Category 1A H360D  
Specific target organ toxicity – Repeated exposure, Category 2 H373  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

GHS08

Signal word (CLP) : Danger

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|                                |   |
|--------------------------------|---|
| Contains                       | : brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1-naphthyl)coumarin; 1, 2- BENZIOTHIAZOLIN-3-ONE; 2-OCTYL-2H-ISOTHIAZOL-3-ONE  |
| Hazard statements (CLP)        | : H317 - May cause an allergic skin reaction.<br>H360D - May damage the unborn child.<br>H373 - May cause damage to organs (blood) through prolonged or repeated exposure (if swallowed).   |
| Precautionary statements (CLP) | : P201 - Obtain special instructions before use.<br>P202 - Do not handle until all safety precautions have been read and understood.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P280 - Wear protective gloves.<br>P302+P352 - IF ON SKIN: Wash with plenty of water.<br>P308+P313 - IF exposed or concerned: Get medical advice/attention.<br>P314 - Get medical advice/attention if you feel unwell.<br>P321 - Specific treatment (see ANTIDOTE on this label).<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.<br>P362+P364 - Take off contaminated clothing and wash it before reuse.<br>P405 - Store locked up.<br>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.<br>P404 - Store in a closed container. |
| Extra phrases                  | : Use of protective gloves is required for Professional users only.<br>Keep away from food, drink and animal feeding stuffs.<br>The most relevant P Phrase statements based on Pack Size and End User are on product labels. Additional P Phrase statements are included on the SDS for information only.   |

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name  | Product identifier  | %              | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|---|---|----------------|---|
| PROPYLENE GLYCOL<br>substance with national workplace exposure limit(s)<br>(GB, HR, IE, LT, LV, PL, NO) | CAS-No.: 57-55-6<br>EC-No.: 200-338-0<br>REACH-no: 01-2119456809-23   | $\geq 1 - < 5$ | Not classified  |
| 1, 2- BENZIOTHIAZOLIN-3-ONE   | CAS-No.: 2634-33-5<br>EC-No.: 220-120-9<br>EC Index-No.: 613-088-00-6 | $< 1$          | Acute Tox. 4 (Oral), H302 (ATE=597 mg/kg bodyweight)<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

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| Name   | Product identifier   | %   | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--|--|-----|---|
| brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1- naphthyl)coumarin (Active substance (Biocide)) | CAS-No.: 56073-10-0<br>EC-No.: 259-980-5<br>EC Index-No.: 607-172-00-1 | < 1 | Acute Tox. 1 (Oral), H300 (ATE=0.5 mg/kg)<br>Acute Tox. 1 (Dermal), H310 (ATE=5 mg/kg)<br>Acute Tox. 1 (Inhalation), H330 (ATE=0.005 mg/l)<br>Acute Tox. 1 (Inhalation:dust,mist), H330 (ATE=0.005 mg/l)<br>Repr. 1A, H360D<br>STOT RE 1, H372<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10)  |
| 2-OCTYL-2H-ISOTHIAZOL-3-ONE substance with national workplace exposure limit(s) (AT, DE, SI, MK, CH)                           | CAS-No.: 26530-20-1<br>EC-No.: 247-761-7<br>EC Index-No.: 613-112-00-5 | < 1 | Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight)<br>Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight)<br>Acute Tox. 2 (Inhalation), H330 (ATE=0.76 mg/l/4h)<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10)<br>EUH071 |

### Specific concentration limits:

| Name   | Product identifier   | Specific concentration limits   |
|--|--|---|
| 1, 2- BENZIOTHIAZOLIN-3-ONE  | CAS-No.: 2634-33-5<br>EC-No.: 220-120-9<br>EC Index-No.: 613-088-00-6  | ( 0.05 ≤C ≤ 100) Skin Sens. 1, H317   |
| brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1- naphthyl)coumarin (Active substance (Biocide)) | CAS-No.: 56073-10-0<br>EC-No.: 259-980-5<br>EC Index-No.: 607-172-00-1 | ( 0.002 ≤C < 0.02) STOT RE 2, H373<br>( 0.003 ≤C ≤ 100) Repr. 1A, H360D<br>( 0.02 ≤C ≤ 100) STOT RE 1, H372 |
| 2-OCTYL-2H-ISOTHIAZOL-3-ONE  | CAS-No.: 26530-20-1<br>EC-No.: 247-761-7<br>EC Index-No.: 613-112-00-5 | ( 0.0015 ≤C ≤ 100) Skin Sens. 1A, H317  |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Seek medical attention immediately.  |
| First-aid measures after inhalation   | : Inhalation unlikely. Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.                                 |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.                                     |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |

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First-aid measures after ingestion : Do NOT induce vomiting. Advice for Medical Doctors:  
Brodifacoum/Bromadiolone/Difenacoum are all indirect anti-coagulants. Phytomenadione, Vitamin K, is antidotal. Determination of 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. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects : The severity of the symptoms described will vary dependent on the concentration and the length of exposure.  
Symptoms/effects after skin contact : May cause an allergic skin reaction.  
Symptoms/effects after eye contact : May cause eye irritation.  
Symptoms/effects after ingestion : Harmful if swallowed.

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

Treat symptomatically. Place under medical observation.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Dry chemical powder, Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>). Water fog.  
Unsuitable extinguishing media : Do not use water jet.

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

No additional information available

### 5.3. Advice for firefighters

Precautionary measures fire : Control run-off water by containing and keeping it out of sewers and watercourses.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Harmful to wildlife. Wild mammals and birds may be at greater risk if the product is not used in accordance to its label.

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

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.  
Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Wax may soften in excessive temperatures. It will not melt fully and will remain contained in bait station. Comply with the safety instructions.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Store in a well-ventilated place. Keep cool. Keep away from food and drink. Keep container tightly closed. Keep only in original container. Store locked up.
- Storage area : Store away from heat. Store in a well-ventilated place.

#### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

| PROPYLENE GLYCOL (57-55-6)                    |  |
|---|--|
| United Kingdom - Occupational Exposure Limits |  |
| Local name                                    | Propane-1,2-diol   |
| WEL TWA (OEL TWA) [1]                         | 10 mg/m <sup>3</sup> particulates<br>474 mg/m <sup>3</sup> total vapour and particulates |
| WEL TWA (OEL TWA) [2]                         | 150 ppm total vapour and particulates  |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE  |

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment symbol(s):



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### 8.2.2.1. Eye and face protection

**Eye protection:**

Safety glasses

### 8.2.2.2. Skin protection

**Skin and body protection:**

Wear suitable protective clothing

**Hand protection:**

Protective gloves

### 8.2.2.3. Respiratory protection

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment. Do not exceed the occupational exposure limits (OEL).

## SECTION 9: Physical and chemical properties

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

|   |                     |
|---|---------------------|
| Physical state                                  | : Solid             |
| Colour  | : Blue. Red.        |
| Odour   | : Slight.           |
| Odour threshold                                 | : No data available |
| pH  | : No data available |
| Relative evaporation rate (butylacetate=1)      | : No data available |
| Melting point                                   | : No data available |
| Freezing point                                  | : Not applicable    |
| Boiling point                                   | : No data available |
| Flash point                                     | : Not applicable    |
| Auto-ignition temperature                       | : Not applicable    |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : Non flammable.    |
| Vapour pressure                                 | : No data available |
| Relative vapour density at 20°C                 | : No data available |
| Relative density                                | : No data available |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : Not applicable    |
| Viscosity, dynamic                              | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : Not applicable    |

### 9.2. Other information

Softening point : > 50 °C Wax becomes malleable @ 50°C and start to fuse together @ 70°C

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1- naphthyl)coumarin (56073-10-0)

|                       |            |
|-----------------------|------------|
| LD50 oral rat         | < 5 mg/kg  |
| LD50 dermal rat       | 7.48 mg/kg |
| LC50 Inhalation - Rat | 3.05 µg/l  |

#### PROPYLENE GLYCOL (57-55-6)

|                                   |                  |
|-----------------------------------|------------------|
| LD50 oral rat                     | 22000 mg/kg      |
| LD50 dermal rabbit                | > 2000 mg/kg     |
| LC50 Inhalation - Rat (Dust/Mist) | > 317042 mg/l/4h |

#### 1, 2- BENZOTHAZOLIN-3-ONE (2634-33-5)

|                 |              |
|-----------------|--------------|
| LD50 oral rat   | 597 mg/kg    |
| LD50 dermal rat | > 2000 mg/kg |

#### 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1)

|                                   |              |
|-----------------------------------|--------------|
| LD50 oral rat                     | 550 mg/kg    |
| LD50 dermal rabbit                | > 2000 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | 0.76 mg/l/4h |

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : May damage the unborn child.

#### 1, 2- BENZOTHAZOLIN-3-ONE (2634-33-5)

|                           |   |
|---------------------------|---|
| NOAEL (animal/female, F1) | 56.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects) |
|---------------------------|---|

STOT-single exposure : Not classified

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STOT-repeated exposure : May cause damage to organs (blood) through prolonged or repeated exposure (if swallowed).

| <b>brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1- naphthyl)coumarin (56073-10-0)</b> |  |
|---|--|
| STOT-repeated exposure  | Causes damage to organs (blood) through prolonged or repeated exposure (if swallowed). |

Aspiration hazard : Not classified

| <b>RASCAL BRODIFACOUM 50 MULTI BLOCKS</b>   |                |
|---|----------------|
| Viscosity, kinematic  | Not applicable |
| <b>brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1- naphthyl)coumarin (56073-10-0)</b> |                |
| Viscosity, kinematic  | Not applicable |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Not rapidly degradable

| <b>brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1- naphthyl)coumarin (56073-10-0)</b> |            |
|---|------------|
| LC50 - Fish [1]   | 0.042 mg/l |
| EC50 - Other aquatic organisms [1]  | 0.25 mg/l  |

### 1, 2- BENZIOTHIAZOLIN-3-ONE (2634-33-5)

|                      |           |
|----------------------|-----------|
| LC50 - Fish [1]      | 0.74 mg/l |
| EC50 - Crustacea [1] | 2.44 mg/l |

### 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1)

|                        |            |
|------------------------|------------|
| LC50 - Fish [1]        | 0.18 mg/l  |
| LC50 - Fish [2]        | 0.047 mg/l |
| EC50 - Crustacea [1]   | 0.32 mg/l  |
| EC50 - Crustacea [2]   | 0.107 ppm  |
| ErC50 algae            | 0.084 mg/l |
| NOEC chronic fish      | 0.085 ppm  |
| NOEC chronic crustacea | 0.74 ppm   |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available



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### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
Hazardous Waste Group : European waste catalogue (EWC) Waste code 20 01 19\*: pesticides

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR                                     | IMDG           | IATA           |
|---|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |
| Not applicable                          | Not applicable | Not applicable |
| No supplementary information available  |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

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### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Biocide Regulation (528/2012)

Contains substance(s) listed on the Biocidal Products list (Regulation EU 528/2012 concerning the making available on the market and use of biocidal products)

Type of product (Biocide) : 14 - Rodenticides

Authorisation number :

Contains : brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1-naphthyl)coumarin (0.01 % (percentage))

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| BLV                         | Biological limit value  |
| BOD                         | Biochemical oxygen demand (BOD)   |
| COD                         | Chemical oxygen demand (COD)  |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC-No.                      | European Community number   |
| EC50                        | Median effective concentration  |
| EN                          | European Standard   |
| IARC                        | International Agency for Research on Cancer   |
| IATA                        | International Air Transport Association   |

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| Abbreviations and acronyms: |  |
|-----------------------------|--|
| IMDG                        | International Maritime Dangerous Goods                                       |
| LC50                        | Median lethal concentration  |
| LD50                        | Median lethal dose   |
| LOAEL                       | Lowest Observed Adverse Effect Level   |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level   |
| NOEC                        | No-Observed Effect Concentration   |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit  |
| PBT                         | Persistent Bioaccumulative Toxic   |
| PNEC                        | Predicted No-Effect Concentration  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet  |
| STP                         | Sewage treatment plant   |
| ThOD                        | Theoretical oxygen demand (ThOD)   |
| TLM                         | Median Tolerance Limit   |
| VOC                         | Volatile Organic Compounds   |
| CAS-No.                     | Chemical Abstract Service number   |
| N.O.S.                      | Not Otherwise Specified  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| ED                          | Endocrine disrupting properties  |

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 1 (Dermal)               | Acute toxicity (dermal), Category 1                               |
| Acute Tox. 1 (Inhalation)           | Acute toxicity (inhal.), Category 1                               |
| Acute Tox. 1 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 1                  |
| Acute Tox. 1 (Oral)                 | Acute toxicity (oral), Category 1                                 |
| Acute Tox. 2 (Inhalation)           | Acute toxicity (inhal.), Category 2                               |
| Acute Tox. 3 (Dermal)               | Acute toxicity (dermal), Category 3                               |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3                                 |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| EUH071                              | Corrosive to the respiratory tract.                               |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| H300                                | Fatal if swallowed.   |
| H301                                | Toxic if swallowed.   |
| H302                                | Harmful if swallowed.   |

# RASCAL BRODIFACOUM 50 MULTI BLOCKS

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| H310                                | Fatal in contact with skin.  |
| H311                                | Toxic 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.  |
| H360D                               | May damage the unborn child.                                       |
| H372                                | Causes damage to organs 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.              |
| Repr. 1A                            | Reproductive toxicity, Category 1A                                 |
| Skin Corr. 1                        | Skin corrosion/irritation, Category 1                              |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                              |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                     |
| Skin Sens. 1A                       | Skin sensitisation, category 1A                                    |
| STOT RE 1                           | Specific target organ toxicity – Repeated exposure, Category 1     |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2     |

Safety Data Sheet (SDS), EU

The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product. The SDS is issued for the Great British market; please contact the Supplier for a new SDS if you are in Northern Ireland.