

# Summary of product characteristics for a biocidal product

**Product name:** Talon Soft

**Product type(s):** PT14 - Rodenticides (Pest control)

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**Authorisation number:** UK-2015-0910

**R4BP 3 asset reference number:** UK-0009411-0000

## Table Of Contents

|                                                                                                                                                                 |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Administrative information                                                                                                                                      | 1 |
| 1.1. Trade names of the product                                                                                                                                 | 1 |
| 1.2. Authorisation holder                                                                                                                                       | 1 |
| 1.3. Manufacturer(s) of the biocidal products                                                                                                                   | 1 |
| 1.4. Manufacturer(s) of the active substance(s)                                                                                                                 | 1 |
| 2. Product composition and formulation                                                                                                                          | 2 |
| 2.1. Qualitative and quantitative information on the composition of the biocidal product                                                                        | 2 |
| 2.2. Type of formulation                                                                                                                                        | 2 |
| 3. Hazard and precautionary statements                                                                                                                          | 2 |
| 4. Authorised use(s)                                                                                                                                            | 3 |
| 4.1.1 Use-specific instructions for use                                                                                                                         | 3 |
| 4.1.2 Use-specific risk mitigation measures                                                                                                                     | 4 |
| 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment | 4 |
| 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging                                                            | 4 |
| 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage                                     | 4 |
| 4.2.1 Use-specific instructions for use                                                                                                                         | 5 |
| 4.2.2 Use-specific risk mitigation measures                                                                                                                     | 5 |
| 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment | 5 |
| 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging                                                            | 5 |
| 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage                                     | 5 |
| 5. General directions for use                                                                                                                                   | 6 |
| 5.1. Instructions for use                                                                                                                                       | 6 |
| 5.2. Risk mitigation measures                                                                                                                                   | 6 |
| 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment                                 | 6 |
| 5.4. Instructions for safe disposal of the product and its packaging                                                                                            | 7 |
| 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage                                                                     | 7 |
| 6. Other information                                                                                                                                            | 7 |

## Administrative information

### 1.1. Trade names of the product

|            |
|------------|
| Talon Soft |
|------------|

### 1.2. Authorisation holder

|                                                     |                 |                                                                                       |
|-----------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|
| <b>Name and address of the authorisation holder</b> | Name            | Rentokil Initial                                                                      |
|                                                     | Address         | The Power Centre, Unit A1 & A2, Link 10 Napier Way RH10 9RA<br>Crawley United Kingdom |
| <b>Authorisation number</b>                         | UK-2015-0910    |                                                                                       |
| <b>R4BP 3 asset reference number</b>                | UK-0009411-0000 |                                                                                       |
| <b>Date of the authorisation</b>                    | 23/07/2013      |                                                                                       |
| <b>Expiry date of the authorisation</b>             | 15/02/2023      |                                                                                       |

### 1.3. Manufacturer(s) of the biocidal products

|                                        |                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------|
| <b>Name of the manufacturer</b>        | Rentokil Initial Supplies                                                                  |
| <b>Address of the manufacturer</b>     | Webber Road, Knowsley Industrial Park, Kirkby, Merseyside L33 7SR Liverpool United Kingdom |
| <b>Location of manufacturing sites</b> | Webber Road, Knowsley Industrial Park, Kirkby, Merseyside L33 7SR Liverpool United Kingdom |

### 1.4. Manufacturer(s) of the active substance(s)

|                                        |                                                               |
|----------------------------------------|---------------------------------------------------------------|
| <b>Active substance</b>                | 11 - Brodifacoum                                              |
| <b>Name of the manufacturer</b>        | Syngenta Crop Protection AG                                   |
| <b>Address of the manufacturer</b>     | Schwarzwaldallee 215 CH-4002 Basel Switzerland                |
| <b>Location of manufacturing sites</b> | BASF plc., Lower Road, Halebank WA8 8NS Widnes United Kingdom |

## 2. Product composition and formulation

### 2.1. Qualitative and quantitative information on the composition of the biocidal product

| Common name | IUPAC name                                                                    | Function         | CAS number | EC number | Content (%) |
|-------------|-------------------------------------------------------------------------------|------------------|------------|-----------|-------------|
| Brodifacoum | 3-[3-(4'-bromobiphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthyl]-4-hydroxycoumarin | Active Substance | 56073-10-0 | 259-980-5 | 0.005       |

### 2.2. Type of formulation

PA - Paste

## 3. Hazard and precautionary statements

### Hazard statements

May damage the unborn child.  
May cause damage to organs (blood) through prolonged or repeated exposure ..

### Precautionary statements

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
IF exposed or concerned: Get medical advice.  
Get medical advice if you feel unwell.  
Store locked up.  
Dispose of contents to in accordance with local regulation.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - House mice and rats – Professional users with demonstrated competence (equivalent to trained professionals) – indoor

|                                                                   |                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product type</b>                                               | PT14 - Rodenticides (Pest control)                                                                                                                                                                                                                                                                                                     |
| <b>Where relevant, an exact description of the authorised use</b> | Not relevant for rodenticides                                                                                                                                                                                                                                                                                                          |
| <b>Target organism(s) (including development stage)</b>           | Mus musculus-House mouse-Adults and juveniles<br>Rattus norvegicus-Brown rat-Adults and juveniles                                                                                                                                                                                                                                      |
| <b>Field(s) of use</b>                                            | Indoor<br>Indoor                                                                                                                                                                                                                                                                                                                       |
| <b>Application method(s)</b>                                      | Bait formulations: -<br>- Ready-to-use bait to be used in tamper-resistant bait stations<br>- Covered and protected baiting points.                                                                                                                                                                                                    |
| <b>Application rate(s) and frequencies</b>                        | Bait products: - -<br>Rats:<br>- High infestation: (50-200)g of bait per baiting point spaced 5m apart.<br>- Low infestation: (50-200)g of bait per baiting point spaced 10m apart.<br>Mice:<br>- High infestation: 8g of bait per baiting point spaced 5m apart.<br>- Low infestation: 8g of bait per baiting point spaced 10m apart. |
| <b>Category(ies) of users</b>                                     | Trained professional                                                                                                                                                                                                                                                                                                                   |
| <b>Pack sizes and packaging material</b>                          | Loose bait packed in a 300g white high density polyethylene (HDPE) cartridge for use with a caulking gun – 3kg to 10 kg                                                                                                                                                                                                                |

#### 4.1.1 Use-specific instructions for use

- Remove the remaining product at the end of treatment period.

#### 4.1.2 Use-specific risk mitigation measures

- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign in accordance with the applicable code of best practice.
- Consider preventive control measures (e.g. plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Do not use the product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- Do not use the product in pulsed baiting treatments.

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- When placing bait points close to water drainage systems, ensure that bait contact with water is avoided.

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See section 5.4

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See section 5.5

### 4.2 Use description

#### Use 2 - House mice and rats – Professional users with demonstrated competence (equivalent to trained professionals) – outdoor around buildings

##### Product type

PT14 - Rodenticides (Pest control)

##### Where relevant, an exact description of the authorised use

Not relevant for rodenticides

##### Target organism(s) (including development stage)

Mus musculus-House mouse-Adults and juveniles

Rattus norvegicus-Brown rat-Adults and juveniles

##### Field(s) of use

Outdoor

Outdoor around buildings

##### Application method(s)

Bait formulations: -

- Ready-to-use bait to be used in tamper-resistant bait stations
- Covered and protected baiting points.

**Application rate(s) and frequencies**

Bait products: - -  
Rats:  
- High infestation: (50-200)g of bait per baiting point spaced 5m apart.  
- Low infestation: (50-200)g of bait per baiting point spaced 10m apart.  
Mice:  
- High infestation: 8g of bait per baiting point spaced 5m apart.  
- Low infestation: 8g of bait per baiting point spaced 10m apart.

**Category(ies) of users**

Trained professional

**Pack sizes and packaging material**

Loose bait packed in a 300g white high density polyethylene (HDPE) cartridge for use with a caulking gun – 3kg to 10 kg

**4.2.1 Use-specific instructions for use**

- Protect bait from the atmospheric conditions. Place the baiting points in areas non-labile to flooding.
- Replace any bait in baiting points in which bait has been damaged by water or contaminated by dirt.
- Remove the remaining product at the end of treatment period.
- For outdoor use, baiting points must be covered and placed in strategic sites to minimise the exposure to non-target species.

**4.2.2 Use-specific risk mitigation measures**

- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign in accordance with the applicable code of best practice.
- Consider preventive control measures (plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Do not use this product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- Do not use this product in pulsed baiting treatments.
- Do not apply this product directly in the burrows.

**4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

- When placing bait points close to surface waters (e.g. rivers, ponds, water channels, dykes, irrigation ditches) or water drainage systems, ensure that bait contact with water is avoided.

**4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See section 5.4 Professional users with demonstrated competence (equivalent to trained professionals)

**4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

See section 5.5

## 5. General directions for use

### 5.1. Instructions for use

- Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
- Carry out a pre-baiting survey of the infested area and an on-site assessment in order to identify the rodent species, their places of activity and determine the likely cause and the extent of the infestation.
- Remove food which is readily attainable for rodents (e.g. spilled grain or food waste). Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve.
- The product should only be used as part of an integrated pest management (IPM) system, including, amongst others, hygiene measures and, where possible, physical methods of control.
- The product should be placed in the immediate vicinity of places where rodent activity has been previously explored (e.g. travel paths, nesting sites, feedlots, holes, burrows etc.).
- Where possible, bait stations must be fixed to the ground or other structures.
- Bait stations must be clearly labelled to show they contain rodenticides and that they must not be moved or opened (see section 5.3 for the information to be shown on the label).
- Bait should be secured so that it cannot be dragged away from the bait station.
- Place the product out of the reach of children, birds, pets and farm animals and other non-target animals.
- Place the product away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these.
- When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.
- The frequency of visits to the treated area should be at the discretion of the operator, in the light of the survey conducted at the outset of the treatment. That frequency should be consistent with the recommendations provided by the relevant code of best practice.
- If bait uptake is low relative to the apparent size of the infestation, consider the replacement of bait points to further places and the possibility to change to another bait formulation.
- If after a treatment period of 35 days baits are continued to be consumed and no decline in rodent activity can be observed, the likely cause has to be determined. Where other elements have been excluded, it is likely that there are resistant rodent so consider the use of a non-anticoagulant rodenticide, where available, or a more potent anticoagulant rodenticide. Also consider the use of traps as an alternative control measure.
- Use a spatula for post-application (cleaning/disposal) of bait.

### 5.2. Risk mitigation measures

- Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign.
- Do not use in areas where resistance to the active substance can be suspected.
- Products shall not be used beyond 35 days without an evaluation of the state of the infestation and of the efficacy of the treatment.
- Do not rotate the use of different anticoagulants with comparable or weaker potency for resistance management purposes. For rotational use, consider using a non-anticoagulant rodenticide, if available, or a more potent anticoagulant.
- Do not wash the bait stations or utensils used in covered and protected bait points with water between applications.
- Dispose dead rodents in accordance with local requirements.
- In the UK poisoned rodents may be disposed of by the waste producer at an incinerator or landfill permitted to accept that type of waste, or collected by a registered waste carrier and taken for disposal at a suitably permitted site. For further information on disposal contact the Environment Agency (<http://www.environment-agency.gov.uk>) or SEPA (<http://www.sepa.org.uk>).
- To be used only by professional users holding certification demonstrating compliance with UK rodenticide stewardship regime requirements.
- Read the label before use. Using this product in a manner that is inconsistent with the label may be an offence. Refer to the CRRU UK Code of Best Practice (or equivalent) for guidance.
- When this product is supplied to a user for the control of rodents, it shall only be supplied to a professional user holding certification demonstrating compliance with UK rodenticide stewardship regime requirements.

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment



- This product contains an anticoagulant substance. If ingested, symptoms, which may be delayed, may include nosebleed and bleeding gums. In severe cases, there may be bruising and blood present in the faeces or urine.
- Antidote: Vitamin K1 administered by medical/veterinary personnel only.
- In case of:
  - Dermal exposure, wash skin with water and then with water and soap.
  - Eye exposure, rinse eyes with eyes-rinse liquid or water, keep eyes lids open at least 10 minutes.
  - Oral exposure, rinse mouth carefully with water. Never give anything by mouth to unconscious person. Do not provoke vomiting. If swallowed, seek medical advice immediately and show the product's container or label.
- UK medical professionals should contact the National Poisons Information Service ([www.npis.org](http://www.npis.org)) for further advice.
- Contact a veterinary surgeon in case of ingestion by a pet.
- Bait stations must be labelled with the following information: "do not move or open"; "contains a rodenticide"; "product name or authorisation number"; "active substance(s)" and "in case of accident, call a poison center"
- Hazardous to wildlife.

#### **5.4. Instructions for safe disposal of the product and its packaging**

- At the end of the treatment, dispose uneaten bait and the packaging in accordance with local requirements.
- Use of gloves is recommended.
- For information on disposal in the UK contact the Environment Agency (<http://www.environment-agency.gov.uk>) or SEPA (<http://www.sepa.org.uk>).

#### **5.5. Conditions of storage and shelf-life of the product under normal conditions of storage**

- Store in a dry, cool and well ventilated place. Keep the container closed and away from direct sunlight.
- Store in places prevented from the access of children, birds, pets and farm animals.
- Shelf life: 12 months

#### **6. Other information**

- Because of their delayed mode of action, anticoagulant rodenticides take from 4 to 10 days to be effective after consumption of the bait.
- Rodents can be disease carriers. Do not touch dead rodents with bare hands, use gloves or use tools such as tongs when disposing them.
- This product contains a bittering agent and a dye.