

COSHH Risk Assessment – Talon Soft XT

1. Substance Information

Product Name: Talon Soft XT

Type: Rodenticide (soft block bait)

Active Ingredient: Brodifacoum 0.0025–0.003% w/w

Manufacturer: Syngenta UK Ltd, CPC4 Capital Park, Fulbourn, Cambridge CB21 5XE

Emergency Contact: +44 (0)1484 538444 (24 h)

Product Registration No.: GB-2017-1115-3-0002

2. Intended Use

For professional use in the control of rats and mice indoors, and around buildings.

Applied as a soft bait within tamper-resistant bait stations, clearly labelled and secured against non-target access.

Use limited to trained pest-control technicians in compliance with the **UK Rodenticide Stewardship Regime (CRRU)**.

3. Hazard Identification

Classification (UK CLP):

- H373 – May cause damage to organs (blood) through prolonged or repeated exposure

Signal Word: *Warning*

Pictograms: GHS08 (Health hazard)

Contains: Brodifacoum (ISO), 1,2-benzisothiazol-3(2H)-one (may cause allergic reaction)

4. Routes of Exposure

- Ingestion by accidental hand-to-mouth contact
- Skin contact during bait placement or station servicing
- Inhalation of dust when handling contaminated packaging
- Secondary exposure via contaminated surfaces or PPE

5. Control Measures (HSE / BPCA Hierarchy)

Elimination/Substitution: No safer alternative of equivalent efficacy.

Engineering Controls: Use only in enclosed bait boxes designed to prevent non-target access.

Administrative Controls:

- Record site, location, and bait quantities.
- Remove bait at treatment end and document in treatment log.
- Prevent access by public, pets, and wildlife.

Personal Protective Equipment (PPE):

- Disposable coveralls (Type 5/6)
- Nitrile gloves (EN 374)
- Safety glasses (EN 166) when handling bulk bait
- Respiratory protection: not normally required; use P2 mask if dusty conditions occur

6. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical advice if unwell.
- **Skin Contact:** Wash immediately with soap and water. Remove contaminated clothing.
- **Eye Contact:** Rinse cautiously with water for at least 15 minutes. Seek medical attention if irritation occurs.
- **Ingestion:** Seek immediate medical help and show product label or SDS. *Do not induce vomiting.*
Antidote: Vitamin K₁ (phytomenadione).
- **Medical Advice:** Monitor prothrombin time and coagulation factors for up to 48 hours post-exposure.

7. Spillage & Emergency Procedures

- Contain and collect spilled bait using disposable gloves.
- Avoid generating dust.
- Prevent contamination of drains and watercourses.
- Dispose of waste through licensed hazardous-waste contractor.

8. Storage & Handling

- Store in original packaging, in a cool, dry, locked pesticide store.
- Keep away from food, feed, and water supplies.
- Store only in areas compliant with **BPCA / HSE COSHH guidance** and **CRRU UK standards**.

9. Environmental Protection

- Extremely toxic to wildlife and aquatic organisms.
- Prevent release into watercourses or external soil.
- Retrieve all uneaten bait at treatment end.
- Use secure bait stations and follow **CRRU “Think Wildlife” Code of Best Practice**.

10. Disposal

- Collect bait residues and empty packaging.
- Dispose of via licensed waste contractor as hazardous waste (EWC 20 01 19*).
- Do not burn or bury containers.

11. Health Surveillance

- Maintain treatment and exposure logs for all operatives.
- Monitor for symptoms of anticoagulant poisoning (bruising, bleeding gums, blood in urine/faeces).
- Retain COSHH records for minimum 5 years.

12. Assessment Review & Sign-Off

Technician: Andy Wood

Date: October 2025

Next Review Date: October 2026