

COSHH Assessment relating to the use of **Talon Soft**

**Composition**

Talon Soft is an anticoagulant, formed as a soft wax bait dispensed in a 300g tube. It contains brodifacoum 0.005%w/w. It is very dark blue / purple in colour.

The product in terms of Hazard Identification is stated as

H373: May cause damage to organs through prolonged or repeated exposure. The exposure limits have not been established.

H360D: May damage an un-born child.

Created by David Johnson – 01/04/2023    Review Date 01/04/2024    Revision 1.0    Doc Ref. CA - 006

People Affected – Technician, Public, Children and Animals - including Pets / non-target species

Information has been gathered from the latest product safety data sheet, the 2021 product label and from Killgerm Chemicals Ltd, both orally and from the catalogue.

	<b>Identify Possible Hazards to Health:</b>	P	S	R	<b>Control Measures</b>	P	S	R
1.	Delivery- contact with skin, eyes etc through splashing / spillage, inhalation of chemical, accidental ingestion.	2	2	4	Purchase from an approved and accredited supplier.  Move goods taking into account the manual handling risk assessment.  Refuse delivery on split packaging where appropriate.  Wear appropriate PPE – PPE will vary depending on the chemicals used. Refer to section 8.2 in the MSDS.	1	2	2
2.	Storage - contact with skin, eyes etc through splashing / spillage, inhalation of chemical, accidental ingestion.	3	3	9	Chemicals are stored in a locked unit made suitable for storage of rodenticides, racked and banded. The store is marked by a hazard warning sign.  All products will be kept in their original containers or decanted into smaller containers that are also labeled.  It is inaccessible to children, animals and contains no foodstuffs or animal feed.  Records of products stored and M.S.D.S. are kept in the store as well as in the office.  A <u>First Aid Kit</u> and <u>Eye Wash</u> are kept in the store.  A <u>Fire Extinguisher</u> is also kept in the store.	1	3	3

3.	Transport - contact with skin, eyes etc through splashing / spillage, inhalation of chemical, accidental ingestion.	3	2	6	<p>The product will be transported in a labeled spill proof container separated from the driver’s compartment.</p> <p>The vehicle carries a Hazard Warning sign fixed to the rear</p> <p>When the vehicle is left unattended, it will be locked</p> <p>A <u>First Aid Kit</u> and <u>Eye Wash</u> are kept in the store.</p> <p>A <u>Fire Extinguisher</u> is also kept in the store.</p> <p>Records of products stored and M.S.D.S. are kept in the vehicle</p>	1	2	2
4.	Operational Health Hazards – Technician  contact with skin, eyes etc through splashing / spillage, inhalation of chemical, accidental ingestion.	5	2	10	<p>During normal pest control duties, a health risk would mainly occur whilst handling the product.</p> <p>Eliminate the use of a harmful product or use a safer one.</p> <p>Care must be taken when decanting the product to avoid dust being exposed to the face.</p> <p>The product in terms of Hazard Identification is stated as H372: May cause damage to organs through prolonged or repeated exposure. The exposure limits have not been established.</p> <p>Wear appropriate PPE – Nitrile gloves:</p> <p>PPE will vary depending on the chemicals used. Refer to section 8.2 in the MSDS.</p>	1	2	2
5.	Operational Health Hazards – Public including pets and non-target species.  contact with skin, eyes etc through splashing / spillage, inhalation of chemical, accidental ingestion.	4	3	12	<p>Health hazards would mainly occur through accidental ingestion. Whilst large quantities would have to be ingested to provide serious toxic effects, small amounts still represent a risk to humans and non-target species. This has to be taken into account when laying the bait with children and non-target animal species being present.</p> <p>Tamper proof bait stations will be used where practical.</p> <p>Bait should be placed into safe locations such as voids where possible.</p> <p>Bait stations should be clearly marked to show that they contain rodenticides and that they should not be disturbed.</p> <p><b>Consider eliminating the necessary use of a harmful product or use a safer less toxic alternative.</b></p> <p>Customers should be advised on bait locations and any safety recommendations made. Customers should be advised on chemicals and quantities used. Safety advice sheets should be handed out where relevant.</p>	1	3	3

6.	Environmental Hazards – Contamination of the environment – poisoning of non-target species	3	3	9	<p>CRRU and BPCA guidelines are taken into account when carrying out an environmental risk assessment.</p> <p>Prevent the substance from entering drains and watercourses.</p> <p>Dead rodents are regularly searched for during bait use.</p> <p>After the completion of each job recover and remove spent bait for re-use or safe waste disposal.</p> <p>Waste product is disposed of through a licensed disposal site ( Novus environmental ), All items requiring disposal under this scheme will be collected and stored in the outer bunded store area, bagged and labelled accordingly.</p> <p>Spillages – clear up spillages and remove for waste disposal.</p> <p>Wear appropriate PPE – Nitrile gloves, Goggles and Respirator when cleaning up spillages if required.</p> <p>– PPE will vary depending on the chemicals used. Refer to section 8.2 in the MSDS.</p>	1	3	3
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**6 Steps to a Risk Assessment.**

1. Eliminate the use of a harmful product or substance and use a safer less toxic one.
2. Use a safer form of the product, for example: paste or block rather than loose bait.
3. Change the process to emit less of the substance.
4. Enclose the process so that the product does not escape, such as tamper proof stations.
5. Limits exposure to the product by placing in safer locations.
6. Provide personal protective equipment (PPE) such as gloves, coveralls and a respirator.

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**Risk Rating**

Low 1 to 5 Medium 6 to 12 High 15 to 25

Probability of Harm - P

		Very Unlikely	Unlikely	Possible	Likely	Very Likely
Severity of Harm - S	Negligible	1	2	3	4	5
	Minor	2	4	6	8	10
	Moderate	3	6	9	12	15
	Major	4	8	12	16	20
	Extreme	5	10	15	20	25

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