



SECTION 1 NAME AND HAZARD SUMMARY

Material name: TALON[®] Rodenticide Pellets

Hazard summary (as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):

Physical hazards: None

Health hazards: Harmful (The active ingredient is designed to cause bleeding after repeated ingestion.)

Read the entire MSDS for a more thorough evaluation of the hazards,

SECTION 2 INGREDIENTS

	%	OSHA PEL
Brodifacoum (CAS No.: 56073-10-0)	0.005	Not listed
Other Ingredients: Cereal formulation		

Ingredients not precisely identified are proprietary or nonhazardous, Values are not product specifications.

SECTION 3 PHYSICAL DATA

Boiling point: 228-230°C Brodifacoum

Vapor pressure (mmHg at 20°C): Negligible

Vapor density (air = 1): Not applicable

Volubility in water: Insoluble

pH: No data

Bulk density: 38-42 lbs./cu. ft.

% Volatile by volume: Negligible

Appearance and odor: Green

pellets with faint grain-like odor

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash point (and method): Not applicable

Flammable limits (STP): Not applicable

Autoignition temperature: No data

Extinguishing media: Water fog, foam, carbon dioxide, dry chemical, halogenated agents

Special fire fighting protective equipment: Self-contained breathing apparatus with full facepiece and protective clothing

Unusual fire and explosion hazards: None known

SECTION 5 REACTIVITY DATA

Stability: Stable under normal conditions

Incompatibility (materials to avoid): None known

Hazardous decomposition products: Combustion products: Carbon dioxide, carbon monoxide

Hazardous polymerization: Will not occur

SECTION 6 HEALTH HAZARD ASSESSMENT

General: No toxicity data are available on this preparation; information on the technical material (92% a.i.) is used for the health hazard assessment,

Ingestion: The acute oral LD₅₀ in rats is probably above 500 mg/kg. A single dose of this product is classified as "practically nontoxic" by ingestion,

Eye contact: No irritation is likely to develop following contact with human eyes.

Skin contact: No irritation is likely to develop following contact with human skin,

Skin absorption: Rat and rabbit acute dermal LD₅₀ of this material is above 500 mg/kg. Systemically toxic concentrations are unlikely to be absorbed through the skin in humans,

Inhalation: No toxic effects are known to be associated with inhalation of dust from this material,

Other effects of overexposure: Effects are those of anticoagulant overdose, i.e., reduced blood clotting ability with spontaneous bleeding in various body organs. Body accumulation is likely to result from repeated exposures to brodifacoum since its half-life is estimated to be 120 days. Individuals with blood clotting disorders may be more susceptible to overexposure effects,

First aid procedures:

Skin: Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention,

Eyes: Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel,

Ingestion: Give 1 or 2 glasses of water to drink and induce vomiting by sticking finger down throat, Repeat until vomitus is clear. Refer person to medical personnel, (Never give anything by mouth to an unconscious person.)

Inhalation: Remove victim to fresh air, If cough or other respiratory symptoms develop, consult medical personnel,

Note to Physician: This product may reduce the clotting ability of the blood and cause hemorrhaging, If poisoning occurs, intramuscular and oral administration of vitamin K, are indicated, as in poisoning from overdose of bishydroxycoumain. For human cases, vitamin K, is antidotal at 2-5 mg. Repeated doses may need to be given up to two weeks (based on monitoring of prothrombin times), In severe cases, blood transfusions may be necessary,

SECTION 7 SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Sweep up and recover or mix material with moist absorbent and shovel into waste container,

Disposal method: This material is toxic to fish and wildlife, Do not contaminate waterways by cleaning of equipment or by disposal of wastes, Untreated effluent should not be discharged where it will drain into lakes, streams, or ponds. Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

Container disposal: Puncture or otherwise destroy empty container before disposal.

SECTION 8 SPECIAL PROTECTION INFORMATION

TLV® or suggested control value: No ACGIH TLV or OSHA PEL is assigned to this mixture. Minimize exposure in accordance with good hygiene practice, Zeneca has established a provisional internal exposure standard of 0.002 mg/m³ for Brodifacoum (active ingredient)

Ventilation: As needed to control exposures

Respiratory protection: If needed, use MSHA/NIOSH approved respirator for pesticides.

Protective clothing: Impervious gloves and apron are recommended during manufacturing, PVC has been shown to be impervious to brodifacoum. Remove contaminated clothing and wash before re-wearing. Gloves are recommended for handling the finished product.

Eye protection Safety glasses with side shields

Other protective equipment: Eyewash station in processing area

SECTION 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

Precautions to be taken in handling or storing: Store in a cool, dry area away from products with strong odors. Keep in an area suitable for pesticide storage, Do not store near feed, food, or within the reach of children or pets. Prevent skin contact. Promote good personal hygiene.

SECTION 10 REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710: All ingredients are on the TSCA Chemical Substance Inventory.

CERCLA and SARA Regulations (40 CFR 355,370, and 372): This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

EPA Reg. No.: 10182-341 (Bait Pack Mini-Pellets); 10182-335 (Bait Pack Pellets); 10182-334 (Mini-Pellets); 10182-336 (Pellets).

The information herein is given in good faith,
but no warranty, expressed or implied, is made

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