

MATERIAL SAFETY DATA SHEET

ICI Americas Inc.

Wilmington, Delaware 19897

Phone (302) 575-3000 (24 hours)

001206

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SECTION 1 NAME & HAZARD SUMMARY

Material name: TALON-G Rodenticide Bait Pack

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

Physical hazards: None
Health hazards: None

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

SECTION 2 INGREDIENTS

Brodifacoum (CAS 56073-10-0)
Cereal formulation

Ingredients not precisely identified are proprietary or nonhazardous. All ingredients appear on the EPA TSCA Inventory. Values are not product specifications. $gt = \text{greater than}$, $lt = \text{less than}$, $ca = \text{approximately}$

SECTION 3 PHYSICS

Boiling point: 228-230°C (Brodifacoum)
Vapor pressure (mmHg at 20°C): Negligible
Vapor density (air = 1): Not applicable
Solubility in water: Insoluble
pH: No data
Bulk density: 38-42 lbs./cu.ft.
% Volatile by volume: Negligible
Appearance and odor: Green pellets with faint odor

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash point (and method): Not applicable
Autoignition temp.: No data
Flammable limits (STP): Not applicable

Extinguishing media:

Water fog, foam, carbon dioxide, dry chemical, halon 1211.

Special fire fighting protective equipment:

Self-contained breathing apparatus with full facepiece and protective clothing.

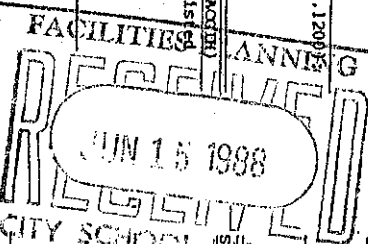
Unusual fire and explosion hazards:

None known.

SECTION 5 REACTIVITY DATA

Stability:

Stable under normal conditions.



MATERIAL SAFETY DATA SHEET (continued)

SECTION 5 REACTIVITY DATA (continued)

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 its active components is used for the health hazard assessment.
Ingestion:
The acute oral LD₅₀ in rat is probably above 5 g/kg. Relative to other materials, a single dose of this product is practically nontoxic by ingestion, Hodge, H.C. and Steiner, J.H., American Industrial Hygiene Association Quarterly, 10:4, 93, Dec. 1949.

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 0.25% liquid concentrate is above 5 g/kg. Systemically toxic concentrations are unlikely to be absorbed through the skin in man.

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 overdosage: 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.

First aid procedures:

Skin: Wash material off the skin with copious amounts of soap and water. If redness, itching or a burning sensation develops, get medical attention.
Eyes: Immediately flush with copious amounts of water for at least 15 minutes. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.
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MATERIAL SAFETY DATA SHEET (continued)

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 accumulation of dust. Prevent skin contact promote good personal hygiene.

REV. OF MSDS-A

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

MATERIAL SAFETY DATA SHEET (continued)

SECTION 6 HEALTH HAZARD ASSESSMENT (continued)

First aid procedures (continued):
Ingestion: Give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult 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: Vitamin K₁ is antidotal at doses of 10-20 mg combined with blood (or plasma) transfusions as cases of severe hemorrhage. Treatment should be continued until prothrombin times have stabilized at normal levels. Half life of brodifacoum is estimated to be 120 days in animal work.

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 TLV assigned. Minimize exposure in accordance with good hygiene practice. ICMA controls exposures to brodifacoum (active ingredient) to below 2 ug/m³.

Ventilation:

As needed to control exposures.

Respiratory protection (specify type):

If needed, use MSDM-NIOSH approved respirator for pesticides.

Protective clothing:

Imperious gloves and apron. PVC has been shown to be impermeous to brodifacoum.

Eye protection:

Safety glasses with side shields.

Other protective equipment:

Eyewash station in work area.