

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name **Enforcer RatMax Rat & Mouse Killer**

Product Code **RATMAX5,
 RATMAX10,
 FDRM5**

Date of issue **12/03/04** **Supersedes** 06/07/02

This product is a registered pesticide. Number: 7173-211-40849

Emergency Telephone Numbers **For MSDS Information:**
 Compliance Services (404) 352-1680

For a Medical Emergency:
 INFOTRAC
 (877) 541-2016 (Toll Free - Calls Recorded)

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 (Toll Free - Calls Recorded)

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Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
Difethialone	104653-34-1	0.0025	Not established

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Absorbed through skin. Ingestion.

Skin Hazardous in case of skin contact (irritant, permeator). Harmful if absorbed through the skin. Reduces blood clotting ability; and may cause bleeding. Direct contact may cause irritation and redness.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Unlikely in this form.

Ingestion Very hazardous in case of ingestion. May be fatal if swallowed.

HMIS

Health	2
Fire Hazard	0
Reactivity	0
Personal Protection	B

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Product is a anticoagulant rodenticide with a coumarin-type action. Contains anticoagulatory component may cause blood clotting impairment. Medical Conditions Aggravated by Overexposure: blood disorders. Repeated or prolonged exposure to the substance can produce target organs damage. The substance may be toxic to Liver.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Call medical attendant, doctor, or poison control center immediately. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Product is a anticoagulant rodenticide with a coumarin-type action.

Section 5. Fire Fighting Measures

Flash Point Not applicable.
Flammability Not applicable.
Fire Hazard Not applicable.

Flammable Limits Not applicable.



Fire-Fighting Procedures Fire-fighters should wear proper protective equipment. Do not release runoff from fire to sewers or waterways.

Section 6. Accidental Release Measures

Spill Clean up Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Section 7. Handling and Storage

Handling Avoid contact with eyes, skin and clothing. DO NOT swallow this product. Do not reuse product container. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material. After handling, always wash hands thoroughly with soap and water. Observe label precautions.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes Recommended: Safety glasses.

Body For prolonged or repeated handling, use gloves.

Respiratory A respirator is not needed under normal and intended conditions of product use.

**Section 9. Physical and Chemical Properties**

Physical State Solid.(BB) Block bait.

Color Yellowish.

pH Not applicable

Odor Odorless.

Boiling Point Not applicable

Vapor Pressure Not applicable

Specific Gravity 1.05 (Water = 1)

Vapor Density Not applicable

Solubility Partially soluble in cold water, hot water.

Evaporation Rate Not applicable

VOC (Consumer) Not applicable

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Slightly reactive to reactive with alkalis.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological Information

Toxicity to Animals **Difethialone:**

ORAL (LD50): Acute: >5000 mg/kg [Rat].

DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].

Section 12. Ecological Information

Ecotoxicity Toxic to Fish and Wildlife. Do not allow to enter drains or watercourses. Rodenticide baits and bait wastes are attractive to mammals and therefore hazardous to domestic animals and to wildlife. Observe label precautions.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Non-hazardous waste

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Not regulated.

DOT Classification Not a DOT controlled material (United States).

UN number None.

TDG Classification Not a TDG controlled material.

Section 15. Regulatory Information

U.S. Federal Regulations

SARA 313 toxic chemical notification and release reporting:
No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.

State Regulations

California prop. 65: No products were found.

WHMIS (Canada)

Class D-1B: Material causing immediate and serious toxic effects (TOXIC).
Class D-2B: Material causing other toxic effects (TOXIC).

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*