مـؤسـسـة الإمـارات للـدواء
EMIRATES DRUG ESTABLISHMENT

United Arab Emirates

قطاع التنوع الغذائي | **رقم التسجيل :** AUD-AD-140-1629596

إدارة التنمية والصحة الزراعية | **التاريـــخ :** 18-03-2026

تسجيل مبيد **كيميائي** **مقيد**

مبيد آفات صحة عامة (قوارض)

تشهد مؤسسة الإمارات للدواء بأن المبيد بالمواصفات التالية

الاسـم التـجـارى لـلـمبـيـد : Vertox Pasta Bait

بـلـد الـتـسـجـيـل: بريطانيا

الـمـواد الـفـعـالـة و تـركـيـزهـا : BRODIFACOUM 0.005%

CAS RN: 56073-10-0

صـورة الـمـسـتـحـضـر : Pasta Bait

حـجـم الـعـبـوة : كيلو جرام 0.5,1

بلـد (التسجيل/المنشأ) والشركة المنتجة : بريطانيا - PelGar International Ltd

الشركـة المحـلـيـة المسـتـوردة : Agricultural Materials Co LTD - WLL

تـاريـخ إصـدار الشـهـادة : 18-03-2026 **صالحة حتى :** 29-10-2028

مـلاحـظـات : لا يوجد

وجد مطابقا لنظام تسجيل المبيدات المتبع لديها وقد أعطيت له هذه الشهادة بناء على ذلك.

مـلاحـظـات :

- يعاد تقيم المبيد كل خمس سنوات حتى يتم تجديد هذه الشهادة بعد ذلك.

تلغى هذه الشهادة في حالة شطب أو سحب المبيد من قبل المنظمات والهيئات العالمية المختصة في تسجيل المبيد أو ثبت للوزارة تدهور المبيد أثناء فترة صلاحيته تحت الظروف البيئية للدولة أو ثبت أن لديه أثار جانبية ضارة

سددت الرسوم 1812.85 **درهم**

رقم إيصـال الشهـادة : 10667562882742331157

تاريخ إيصال الشهادة : 17-03-2026

رمز التحقق : 329-8824

مدير إدارة الشؤون البلدية

للتحقق من صحة بيانات هذا المستند يرجي مسح الشيفرة أو زيارة موقع الوزارة

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فيرتوكس باستا بيت

طعوم على شكل معجون جاهز للاستخدام

PelGar International

Rat and Mouse killer

VERTOX PASTA BAIT

Pasta bait Ready for use

Active ingredient: *Brodifacoum* 0.005%

المواد الفعالة: بروديفاكوم 0.005 %

Inert Ingredient: 99.995% : المواد الحاملة

MOCCAE Registration Number

AUD-AD-140-1629596

رقم تسجيل المبيد بوزارة التغير المناخي والبيئة

دولة الامارات العربية المتحدة

Manufacturing Company - الشركة المنتجة

PelGar International Ltd

بلجار انترناشونال ال تي دي

Net Contents: 5 kg

المحتوى الصافي 5 كغم

Containing Denatonium Benzoate

يحتوي مادة منفرة للإنسان دينوتونيم بنزويت

Caution تحذير

KEEP OUT OF REACH OF CHILDREN

يحفظ بعيدا عن متناول الأطفال

Origin- بلد المنشأ

UK - بريطانيا

Made In The United Kingdom

Local Distributor - الموزع المحلي

Agricultural Materials Company Ltd

شركة المواد الزراعية المحدودة ـذ.م.م

P.O.Box 1290 AL Ain /UAE

Tel 00971 3 7641064

Email : amc.emirates@agrimatco-me.com

Restricted use pesticide: Use only by certified applicators or persons under their direct supervision

المبيد مقيد الاستخدام : يتم استخدامه فقط من قبل فنيين متخصصين او تحت اشرافهم المباشر

SAFETY DATA SHEET
VERTOX PASTA BAIT

According to Regulation (EC) No 1907/2006, Annex II, as amended.Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name VERTOX PASTA BAIT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ready for use Rodenticide containing 50ppm Brodifacoum.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier

PelGar International Ltd
Unit 13
Newman Lane
Alton
Hampshire
GU34 2QR
United Kingdom
Telephone : +44(0)1420 80744
E-mail: garry@pelgar.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1420 80744

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

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Supplemental label information

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.
P102 Keep out of reach of children.
P103 Read label before use.
P220 Keep / Store away from foodstuffs, beverages and animal feeding stuffs.
P262 Do not get on skin.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves [Professional users].
P273 Avoid release to the environment.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P404 Store in a closed container.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

2,2'-Imino Diethanol **<0.1%**

CAS number: 111-42-2 EC number: 203-868-0

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT RE 2 - H373

BRODIFACOUM **0.005%**

CAS number: 56073-10-0 EC number: 259-980-5

M factor (Acute) = 1 M factor (Chronic) = 1

Classification
Acute Tox. 1 - H300
Acute Tox. 1 - H310
STOT RE 1 - H372
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

Denatonium Benzoate **0.001%**

CAS number: 3734-33-6 EC number: 223-095-2

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H332
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Aquatic Chronic 3 - H412

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

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4.1. Description of first aid measures

General information In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Advice for Medical Doctors: Brodifacoum is an indirect anti-coagulant. Phytomenadione, Vitamin K, is antidotal. Determin prothrombin time not less than 18 hours after consumption. If elevated, administer Vitamin K1 until prothrombin time normalises. Continue determination of prothrombin time for two weeks after withdrawal of antidote and resume treatment if elevation occurs in that time.

Inhalation Due to the physical nature of this product, exposure by this route is unlikely. Seek medical attention if symptoms persist.

Ingestion Rinse mouth. Do not induce vomiting. Get medical attention immediately.

Skin contact May cause irritation to susceptible persons. If skin irritation occurs wash with soap and water. Remove contaminated clothing. Get medical attention if symptoms are severe or persist.

Eye contact May cause eye irritation to susceptible persons. Rinse immediately with plenty of water and seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation Unlikely to present an inhalation hazard. If symptoms develop move the exposed person to fresh air. Immediately obtain medical advice.

Ingestion Rinse mouth. Do not induce vomiting. Call a medical doctor immediately.

Skin contact May cause irritation.

Eye contact May be slightly irritating to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards None known.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No specific recommendations. For personal protection, see Section 8.

6.2. Environmental precautions

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Environmental precautions Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Reuse or recycle products wherever possible. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Read label before use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a cool, dry location. Store only in the original receptacle. Keep containers tightly closed in a well-ventilated place. Take suitable precautions when opening sealed containers, as pressure can build up during storage.
Keep away from sources of heat. Keep out of the reach of children. Store away from foodstuffs. Keep away from oxidizing agents.

Storage class Miscellaneous hazardous material storage.

7.3. Specific end use(s)

Usage description Ready to use rodenticide containing 50 ppm bromadiolone.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Flour WEL 8-Hr limit mg/M3: 10 WEL 15 min limit mg/M3: 30
Propane-1,2-diol (Propane-1,2-diol Particulates) WEL 8-Hr limit mg/M3: 10
Propane-1,2-diol (Propane-1,2-diol total vapour and particulates) WEL 8-Hr limit ppm: 150
WEL 8Hr limit mg/M3: 474

8.2. Exposure controls

Protective equipment

Appropriate engineering controls No specific ventilation requirements.

Eye/face protection No specific eye protection required during normal use. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection Suitable chemical resistant gloves are recommended for professional users.

Other skin and body protection Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Avoid contact with the skin, eyes and clothing. Store work clothing separately.

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Hygiene measures	Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
Respiratory protection	No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.
Environmental exposure controls	Not regarded as dangerous for the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Paste.
Colour	Red.
Odour	Characteristic.
Odour threshold	No information available.
pH	No information available.
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	No information available.
Bulk density	No information available.
Solubility(ies)	Immiscible with water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Oxidising properties	Not oxidising.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

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10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Not regarded as a health hazard under current legislation.

Acute toxicity - oral

Notes (oral LD_{50}) >2000 mg/kg

Acute toxicity - dermal

Notes (dermal LD_{50}) >2000 mg/kg

Acute toxicity - inhalation

Notes (inhalation LC_{50}) >5 mg/l (Dust)

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

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Reproductive toxicity - development Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Not relevant. Solid.

General information No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation No specific symptoms known.

Ingestion No specific symptoms known. May cause discomfort if swallowed.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact No specific symptoms known. May be slightly irritating to eyes.

Route of entry Ingestion Inhalation Skin and/or eye contact

Target organs No specific target organs known.

Toxicity of ingredients Denatonium Benzoate Oral (Rat) LD50 = 584 mg/kg 2,2'-Iminodiethanol Oral (Rat) LD50 = 500mg/kg Brodifacoum Oral (Rat) LD50 = 0.27 mg/kg Dermal (Rat) LD50 = 7.48 mg/kg

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity Based on available data the classification criteria are not met.

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Other adverse effects Toxic to mammals, including domesticated animals and birds if ingested. Exposure of non-target animals should be prevented.

Toxicity of ingredients Brodifacoum Daphnia EC50/48Hr = 0.25 mg/l Rainbow trout LC50/96Hr = 0.042 mg/l

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

Disposal methods Dispose of in accordance with applicable regional, national, and local laws and regulations. Dispose of Contaminated packaging as unused product unless fully cleaned.

Waste class Waste disposal key number from EWC is 20 01 19 (Pesticides)

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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Abbreviations and acronyms used in the safety data sheet	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IATA: International Air Transport Association. ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate. LC_{50}: Lethal Concentration to 50 % of a test population. LD_{50}: Lethal Dose to 50% of a test population (Median Lethal Dose). EC_{50}: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Issued by	HS&E Manager.
Revision date	06/02/2017
Revision	10
Supersedes date	30/01/2017
SDS number	20797
Hazard statements in full	H300 Fatal if swallowed. H302 Harmful if swallowed. H310 Fatal in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H372 Causes damage to organs (Blood) through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.