مـؤسـسـة الإمـارات للـدواء
EMIRATES DRUG ESTABLISHMENT

United Arab Emirates

قطاع التنوع الغذائي **رقم التسجيل :** AUD-AD-140-982487

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 Oktablok

بـلـد الـتـسـجـيـل: بريطانيا

الـمـواد الـفـعـالـة و تـركـيـزهـا : Brodifacoum 0.005%

CAS RN: 56073-10-0

صـورة الـمـسـتـحـضـر : Block bait

حـجـم الـعـبـوة : كيلو جرام 2.5,5

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

الـشركـة الـمحـلـيـة الـمسـتـوردة : 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 : 10667553047152047227

تاريخ إيصال الشهادة : 17-03-2026

رمز التحقق : 329-8809 **مدير إدارة الشؤون البلدية**

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SAFETY DATA SHEET
VERTOX OKTABLOK II

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 OKTABLOK II

UFI UFI: VV30-N0R4-E00W-5WSC

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
+44(0)1420 80744
christine.unsworth@pelgar.co.uk

EU Legal Representative PelGar International Limited 18 rue des Remparts d'Ainay 69002 Lyon, France

1.4. Emergency telephone number

Emergency telephone +44(0)1420 80744 (Monday - Friday 9.00am - 5pm GMT)

VERTOX OKTABLOK II

National emergency telephone number

Austria: +43 1 406 43 43
Belgium: 070 245 245
Bulgaria: +359 2 9154 233
Croatia: +3851 2348 342
Cyprus: 1401
Czech Republic: +420 224 919 293, +420 224 915 402
Denmark: +45 8212 1212
Estonia: 16662
Finland: 0800 147 111
France: + 33 (0)1 45 42 59 59
Germany: +44 (0)1420 80744 (9am-5pm Monday- Friday GMT)
Greece: (0030) 2107793777
Hungary: +36-80-201-199
Iceland: (+354) 543 1000 / 112
Ireland: Members of Public: +353 (01) 809 2166. (8am-10pm daily)
Ireland: Healthcare Professionals: +353 (01) 809 2566 (24 hour service)
Italy: 0382-24444
Latvia: +371 67042473
Liechtenstein: +44 (0)1420 80744 (9am-5pm Monday- Friday GMT)
Lithuania: +370 (85) 2362052
Luxembourg: 8002 5500
Malta: +44 (0)1420 80744 (9am-5pm Monday- Friday GMT)
Netherlands: +31(0)30 274 8888 Healthcare Professionals only
Norway: 22 59 13 00
Poland: +44 (0)1420 80744 (9am-5pm Monday- Friday GMT)
Portugal: +351 800 250 250
Romania: +40213183606
Slovakia: +421 2 5477 4166
Slovenia: 112
Spain: +34 91 562 04 20
Sweden: 112 – Begär Giftinformation

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317 Repr. 1A - H360D STOT RE 2 - H373

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements

H317 May cause an allergic skin reaction.
H360D May damage the unborn child.
H373 May cause damage to organs (Blood) through prolonged or repeated exposure.

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Precautionary statements

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P314 Get medical advice/ attention if you feel unwell.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P405 Store locked up.
P404 Store in a closed container.
P501 Dispose of contents/ container in accordance with national regulations.

Supplemental label information

EUH 208 Contains 1, 2- Benzisothiazolin-3-one. May produce an allergic reaction.
Keep / Store away from foodstuffs, beverages and animal feeding stuffs.
EUH 208 Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

Contains

2-OCTYL-2H-ISOTHIAZOL-3-ONE

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ethyl vanillin **<1%**

CAS number: 121-32-4 EC number: 204-464-7

Classification
Eye Irrit. 2 - H319

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
Aquatic Chronic 3 - H412

1,2-BENZISOTHIAZOLIN-3-ONE **<1%**

CAS number: 2634-33-5 EC number: 220-120-9

M factor (Acute) = 1

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Aquatic Acute 1 - H400

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BRODIFACOUM (EU)		**0.005%**
CAS number: 56073-10-0	EC number: 259-980-5	
M factor (Acute) = 10	M factor (Chronic) = 10	

Classification
Acute Tox. 1 - H300
Acute Tox. 1 - H310
Acute Tox. 1 - H330
Repr. 1A - H360D
STOT RE 1 - H372
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

2-OCTYL-2H-ISOTHIAZOL-3-ONE		**<1%**
CAS number: 26530-20-1	EC number: 247-761-7	
M factor (Acute) = 100	M factor (Chronic) = 100	

Classification
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 2 - H330
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1A - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

Denatonium Benzoate		**<0.1%**
CAS number: 3734-33-6	EC number: 223-095-2	

Classification
Acute Tox. 4 - H302
Aquatic Chronic 3 - H412

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

SECTION 4: First aid measures

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.

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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

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Ingestion Harmful if swallowed.

Skin contact May cause sensitisation or allergic reactions in sensitive individuals.

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

Notes for the doctor Treat symptomatically.

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

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

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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 Brodifacoum.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

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
Sugar (Sucrose) WEL 8-Hr limit mg/M3: 10 WEL 15 min limit mg/M3: 20
Paraffin Wax WEL 8-Hr limit mg/M3: 2 WEL 15 min limit mg/M3: 6

Paraffin Wax (Paraffin wax fume) WEL 8-Hr limit mg/M3: 2 WEL 15 min limit mg/M3: 6

8.2. Exposure controls

Protective equipment

Appropriate engineering controls No specific ventilation requirements.

Personal protection Body protection must be chosen depending on activity and possible exposure, for example apron, protecting boots, chemical-protection suit.

Eye/face protection No specific eye protection required during normal use.

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.

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.

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 Wax Block.

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Colour	Red.
Odour	Slight.
Odour threshold	No information available.
pH	No information available.
Melting point	approx. 60 °C (for the wax).
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	Not relevant.
Evaporation factor	No information available.
Flammability (solid, gas)	combustible
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	Not relevant.
Vapour density	Not relevant.
Relative density	No information available.
Bulk density	No information available.
Solubility(ies)	Immiscible with water.
Partition coefficient	Not relevant.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	Not considered to be explosive.
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.

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 Keep away from: Oxidising agents.

10.4. Conditions to avoid

Conditions to avoid Heat, sparks, flames.

10.5. Incompatible materials

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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

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.
Reproductive toxicity - development	May damage the unborn child.

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	STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Aspiration hazard	Not relevant. Solid.

General information	Avoid contact during pregnancy/while nursing. May damage fertility. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

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Inhalation	No specific symptoms known.
Ingestion	See section 4 - First Aid
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	No specific symptoms known.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Toxicity of ingredients	Denatonium Benzoate: LD50 Oral (Rat) = 584 mg/kg LC50 (Rat) 4h: >8.7 mg/l Brodifacoum Acute Oral ≤5mg/kg Acute Dermal ≤50mg/kg Acute Inhalation ≤0.05mg/kg (Commission Regulation 2016/1179)

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 Not relevant.

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

13.1. Waste treatment methods

General information This material and its container must be disposed of in a safe way.

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.

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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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS
None of the ingredients are listed or exempt.

SECTION 16: Other information

VERTOX OKTABLOK II

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: 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.
Classification abbreviations and acronyms	Repr. = Reproductive toxicity STOT RE = Specific target organ toxicity-repeated exposure
Classification procedures according to Regulation (EC) 1272/2008	STOT RE 2 - H373: Calculation method. Repr. 1A - H360D: Calculation method. Skin Sens. 1 - H317: Calculation method.
Revision date	13/01/2022
Revision	7
Supersedes date	23/11/2021
SDS number	21551
Hazard statements in full	H300 Fatal if swallowed. H301 Toxic if swallowed. H302 Harmful if swallowed. H310 Fatal in contact with skin. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H360D May damage the unborn child. H372 Causes damage to organs (Blood) through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H373 May cause damage to organs (Blood) 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.