



## SAFETY DATA SHEET

### Vertox Weather Resistant Soya Blocks (NZ)

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

##### 1.1. Product identifier

**Product name** Vertox Weather Resistant Soya Blocks (NZ)

**New Zealand Environmental Protection Approval Code** HSR001594

**Proper Shipping Name (New Zealand Only)** N/A

**Other means of identification** Not Available

##### 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 (NZ) Ltd  
PO Box 11825  
Ellerslie  
Aucklan 1022  
New Zealand  
+64 21 670 105

**Manufacturer** PelGar International Ltd  
Unit 13  
Newman Lane  
Alton  
Hampshire  
GU34 2QR  
United Kingdom  
+44(0)1420 80744  
christine.unsworth@pelgar.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** 0800764766

#### 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

**Hazard Classifications [2]** N/A

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**Legend:** 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; Classification drawn from Regulation (EU) No. 1272/2008 - Annex VI

### 2.2. Label elements

**Hazard statements** NC Not Classified

**Supplemental label information**

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

#### 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.

**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

##### 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.

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### 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

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use.

**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store away from incompatible materials (see Section 10). No specific recommendations.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**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

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### 8.2. Exposure controls

#### Protective equipment

<b>Appropriate engineering controls</b>	No specific ventilation requirements.
<b>Personal protection</b>	Body protection must be chosen depending on activity and possible exposure, for example apron, protecting boots, chemical-protection suit.
<b>Eye/face protection</b>	No specific eye protection required during normal use.
<b>Hand protection</b>	Suitable chemical resistant gloves are recommended for professional users.
<b>Other skin and body protection</b>	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.
<b>Hygiene measures</b>	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.
<b>Respiratory protection</b>	No specific recommendations. Provide adequate ventilation.
<b>Environmental exposure controls</b>	Not regarded as dangerous for the environment.

### **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Wax Block.
<b>Colour</b>	Red or Blue
<b>Odour</b>	Slight.
<b>Odour threshold</b>	No information available.
<b>pH</b>	No information available.
<b>Melting point</b>	approx. 60 °C (for the wax).
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	Not relevant.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	combustible
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Other flammability</b>	No information available.
<b>Vapour pressure</b>	Not relevant.
<b>Vapour density</b>	Not relevant.
<b>Relative density</b>	1.17
<b>Bulk density</b>	No information available.
<b>Solubility(ies)</b>	Immiscible with water.
<b>Partition coefficient</b>	Not relevant.

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<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	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

**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<sub>50</sub>)** >2000 mg/kg

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** >2000 mg/kg

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** >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.

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### 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** 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** See section 4 - First Aid

**Skin contact** Prolonged contact may cause dryness of the skin.

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

**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

## 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.

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### 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.

### 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** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

### 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.

## Vertex Weather Resistant Soya Blocks (NZ)

### 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

#### 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<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC<sub>50</sub>: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

#### Revision comments

Revision Date Amended - No Other Changes

#### Revision date

12/07/2021

#### Revision

1

#### SDS number

22676

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