

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Product name : Sorkil Block
Product Code Pelsis : 1101003889, 1101003890

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category : Professional use
Use of the substance/mixture : Rodenticide PT14

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Pelsis Ltd.
Sterling House Grimbald Crag Close
HG5 8PJ Knaresborough
United Kingdom
T +44 (0) 800 988 5359 - F +44 (0) 1423 863 497
info@pelsis.com

1.4. Emergency telephone number

Emergency number : +44 (0) 800 988 5359

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111 - NHS 24 (Ecosse)		111	
United Kingdom	NHS 111/NHS 24/NHS Direct	Edinburgh	111 0845 4647	or call a doctor

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to GB CLP (SI 2019:720 as amended)**

Reproductive toxicity, Category 1B H360D
Specific target organ toxicity – Repeated exposure, Category 2 H373
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements**Labelling according to GB CLP (SI 2019:720 as amended)**

Hazard pictograms (GHS UK) :



GHS08

Signal word (GHS UK) : Danger
Contains : Difenacoum (ATP9)
Hazard statements (GHS UK) : H360D - May damage the unborn child.
H373 - May cause damage to organs (blood) through prolonged or repeated exposure.

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Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Precautionary statements (GHS UK)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust.
P280 - Wear protective gloves.
P314 - Get medical advice, attention, if you feel unwell.
P405 - Store locked up.
P501 - Dispose of contents and container to an approved waste disposal plant.
P308+P311 - IF exposed or concerned: Call a POISON CENTER, doctor.

2.3. Other hazards

Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII	propane-1,2-diol (57-55-6), Difenacoum (ATP9) (56073-07-5)
Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII	propane-1,2-diol (57-55-6), Difenacoum (ATP9) (56073-07-5)

Results of Endocrine Disruptor assessment

Component	
Substance(s) not considered as endocrine disrupting. They are not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, nor identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP	propane-1,2-diol(57-55-6), Difenacoum (ATP9)(56073-07-5)

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
propane-1,2-diol substance with workplace exposure limit(s)	CAS-No.: 57-55-6 EC-No.: 200-338-0	<5%	Not classified
Difenacoum (ATP9)	CAS-No.: 56073-07-5 EC-No.: 259-978-4 UK Index-No.: 607-157-00-X	0.005	Repr. 1B, H360D Acute Tox. 1 (Oral), H300 (ATE=1.8 mg/kg bodyweight) Acute Tox. 1 (Dermal), H310 (ATE=5 mg/kg bodyweight) Acute Tox. 1 (Inhalation), H330 (ATE=0.0036 mg/l/4h) STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Difenacoum (ATP9)	CAS-No.: 56073-07-5 EC-No.: 259-978-4 UK Index-No.: 607-157-00-X	(0.002 ≤ C < 0.02) STOT RE 2; H373 (0.003 ≤ C ≤ 100) Repr. 1B; H360D (0.02 ≤ C ≤ 100) STOT RE 1; H372

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general

: - This product contains an anticoagulant substance. If ingested, symptoms, which may be delayed, may include nosebleed and bleeding gums. In severe cases, there may be bruising and blood present in the faeces or urine.
- Antidote: Vitamin K1 administered by medical/veterinary personnel only.

First-aid measures after inhalation

: Fresh air, rest.

First-aid measures after skin contact

: Wash skin with plenty of water. Wash skin with mild soap and water.

First-aid measures after eye contact

: Rinse eyes with eyewash liquid or water, keep eyelids open for at least ten minutes.

First-aid measures after ingestion

: Oral exposure, rinse mouth carefully with water. Never give anything by mouth to unconscious person. Do not provoke vomiting. If swallowed, seek medical advice immediately and show the product's container or label.
Contact a veterinary surgeon in case of ingestion by a pet.

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

Symptoms/effects after ingestion

: Through antagonism with vitamin K, difenacoum delays the formation of some clotting factors. When important quantities are ingested, or minor quantities for several successive days, difenacoum can cause subcutaneous bleedings. Symptoms of poisoning: bruising, nose and gum bleeds, blood in urine and faeces.

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

Note to physician: This product contains an anticoagulant with prolonged action. Treatment with an antidote (Vitamine K1) may be necessary.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media

: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions

: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting

: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment

: Avoid contact with skin and eyes.

Emergency procedures

: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment

: Equip cleanup crew with proper protection.

Emergency procedures

: Ventilate area.

6.2. Environmental precautions

Avoid uncontrolled disposal into the environment because of the danger for human and animal.

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Dispose in a safe manner in accordance with local/national regulations.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wear suitable gloves.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Store in dry, cool, well-ventilated area. Keep away from food, drink and animal feedingstuffs. Keep away from strong smelling stuff.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.
Special rules on packaging : Keep container tightly closed. Keep only in original container. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

propane-1,2-diol (57-55-6)

United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA)	474 mg/m ³
	150 ppm

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

8.2.2.1. Eye and face protection

Eye protection:

Where excessive dust may result, wear goggles

8.2.2.2. Skin protection

Skin and body protection:

Normal overalls

Hand protection:

Wear suitable gloves

8.2.2.3. Respiratory protection

Respiratory protection:

None necessary.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Wash hands after use. Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Block.
Colour	: red.
Odour	: characteristic.
Odour threshold	: Not available
pH	: Not available
pH solution	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not applicable
Flash point	: Not applicable
Flammability	: Non flammable.
Explosive limits	: Not applicable
Vapour pressure	: Not applicable
Vapour pressure at 50°C	: Not applicable
Relative vapour density at 20°C	: Not applicable
Relative density	: Not available
Density	: Not available
Solubility	: Water: soluble
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Product is not explosive

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

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LD50 oral rat	
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propane-1,2-diol (57-55-6)

LD50 oral rat	22000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 317 mg/l

Difenacoum (ATP9) (56073-07-5)

LD50 oral rat	1.8 mg/kg
LD50 oral	1 mg/kg (Mus musculus)
LD50 dermal rat	5 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	0.0036 mg/l/4h

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: May damage the unborn child.
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)

Difenacoum (ATP9) (56073-07-5)

LOAEL (oral, rat)	0.1 mg/kg bodyweight
NOAEL (oral, rat)	0.03 mg/kg bodyweight

STOT-repeated exposure : May cause damage to organs (blood) through prolonged or repeated exposure.

Difenacoum (ATP9) (56073-07-5)

STOT-repeated exposure	Causes damage to organs (blood) through prolonged or repeated exposure.
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Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

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Viscosity, kinematic	Not applicable
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Other information

Endocrine disrupting properties

No additional information available

Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

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LC50 - Fish [1]	2 g/l
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propane-1,2-diol (57-55-6)

LC50 - Fish [1]	40613 mg/l (<i>Oncorhynchus mykiss</i>) 96h
EC50 - Crustacea [1]	18340 mg/l (<i>Ceriodaphnia dubia</i>) 48h
EC50 - Crustacea [2]	43500 mg/l <i>Daphnia magna</i>
EC50 - Other aquatic organisms [2]	19000 mg/l <i>Pseudokirchneriella subcapitata</i>
EC50 72h - Algae [1]	24.2 mg/l <i>Pseudokirchneriella subcapitata</i>
ErC50 algae	> 100 mg/l

Difenacoum (ATP9) (56073-07-5)

LC50 - Fish [1]	0.064 mg/l <i>Oncorhynchus mykiss</i>
LC50 - Fish [2]	0.258 mg/l <i>Lepomis macrochirus</i>
EC50 - Crustacea [1]	0.52 mg/l <i>Daphnia magna</i>
ErC50 algae	0.51 mg/l <i>Selenastrum capricornutum</i>

12.2. Persistence and degradability

Sorkil Block

Persistence and degradability	Not established.
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propane-1,2-diol (57-55-6)

Persistence and degradability	readily degradable in water.
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Difenacoum (ATP9) (56073-07-5)

Persistence and degradability	Rapidly degradable
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

propane-1,2-diol (57-55-6)

BCF - Fish [1]	0.09
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Difenacoum (ATP9) (56073-07-5)

Partition coefficient n-octanol/water (Log Kow)	≈ 7.62
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Component

propane-1,2-diol (57-55-6)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
Difenacoum (ATP9) (56073-07-5)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII

12.6. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

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Other information	Avoid release to the environment.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Bury dead rodents about 30 cm deep and at least 50 cm away from water sources, wells, water courses,....
Ecological waste information : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Transport document description				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

ADR	IMDG	IATA	ADN	RID
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. National regulations

UK REACH Annex XVII (Restriction List)

UK REACH Annex XIV (Authorisation List)

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

UK REACH Candidate List (SVHC)

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC) above the 0.1% level of disclosure

GB PIC Regulation (Prior Informed Consent)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

POP Regulation (Persistent Organic Pollutants)

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

Control of Poisons and Explosives Precursors Act

This product contains no substance(s) listed as a reportable poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This substance is not listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations

Drug Precursors Regulation (EC 273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

15.1.2. Other Information

British National Regulations

: GB-2017-1060.

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Data sources	: 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.

Full text of H- and EUH-statements:

Acute Tox. 1 (Dermal)	Acute toxicity (dermal), Category 1
Acute Tox. 1 (Inhalation)	Acute toxicity (inhal.), Category 1
Acute Tox. 1 (Oral)	Acute toxicity (oral), Category 1
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Repr. 1B	Reproductive toxicity, Category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
H300	Fatal if swallowed.
H310	Fatal in contact with skin.
H330	Fatal if inhaled.
H360	May damage fertility or the unborn child.
H360D	May damage the unborn child.
H372	Causes damage to organs 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.

Safety Data Sheet (SDS), UK

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.