

## 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](mailto: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.

# Sorkil Block

## 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

# Sorkil Block

## Safety Data Sheet

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.
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#### 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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## Safety Data Sheet

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 <sup>3</sup>
	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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## Safety Data Sheet

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.

# Sorkil Block

## Safety Data Sheet

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)

#### Sorkil Block

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.
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#### 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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# Sorkil Block

## Safety Data Sheet

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

### Sorkil Block

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)

### Sorkil Block

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

LC50 - Fish [1]	40613 mg/l (Oncorhynchus mykiss) 96h
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EC50 - Crustacea [1]	18340 mg/l (Ceriodaphnia dubia) 48h
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EC50 - Crustacea [2]	43500 mg/l Daphnia magna
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EC50 - Other aquatic organisms [2]	19000 mg/l Pseudokirchneriella subcapitata
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EC50 72h - Algae [1]	24.2 mg/l Pseudokirchnerella subcapitata
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ErC50 algae	> 100 mg/l
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### Difenacoum (ATP9) (56073-07-5)

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

### Sorkil Block

Bioaccumulative potential	Not established.
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# Sorkil Block

## 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

### Difenacoum (ATP9) (56073-07-5)

Partition coefficient n-octanol/water (Log Kow)  $\approx$  7.62

### 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)

### Sorkil Block

Other information Avoid release to the environment.

## 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
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>Transport document description</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



# Sorkil Block

## 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.

# Sorkil Block

## Safety Data Sheet

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.