



Sorkil Bloc

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 24/06/2008

Revision date: 08/10/2013

Supersedes: 04/04/2013

Version: 8.0

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

1.1. Product identifier

Product form : Mixture
Product name : Sorkil Bloc
Product code : EDI-575 BB-ROD

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

1.2.1. Relevant identified uses

Intended for general public

Use of the substance/mixture : Rodenticide - a biocide of product type 14 according to Regulation (EU) No 528/2012 of the European Parliament and of the Council concerning the making available on the market and use of biocidal products.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

EDIALUX - FORMULEX n.v./s.a.
Rijksweg 28
2880 Bornem - Belgium
T +32 (0) 3 886 22 11 - F +32 (0) 3 886 24 60
edialux@edialux.be - www.edialux.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
BELGIË/BELGIQUE	Centre Anti-Poisons/Antigifencentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B -1120Brussels	+32 70 245 245
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ERLondon	0870 243 2241

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P102 - Keep out of reach of children

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
3-(3-biphenyl-4-yl-1,2,3,4-tetrahydro-1-naphthyl)-4-hydroxycoumarin	(CAS No)56073-07-5 (EC no)259-978-4 (EC index no)607-157-00-X	0,005	T+; R28 T; R48/25 N; R50/53

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Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest. In case of symptoms, seek medical advice and show label or packaging.
First-aid measures after skin contact	: Rinse skin with plenty of water or take a shower for about 15 minutes. Remove contaminated clothing and shoes. In case of symptoms, seek medical advice and show label or packaging.
First-aid measures after eye contact	: Rinse with plenty of water for 10 minutes. Rinse AWAY from the eye that has not been contaminated. If contact lenses are easy to remove, remove them first then clean. Seek medical advice and show container or label.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Seek medical advice immediately and show container or label.

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

Symptoms/injuries	: 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

Administer Vitamin K1 (antidote) under medical supervision. In case of severe poisoning: blood transfusion. In case of suspected poisoning, measure prothrombin time (INR) on presentation and 48-72 hours after exposure. If the INR is greater than 4, administer Vitamin K1 (phytomenadione) 5-10 mg by slow intravenous injection (100 µg/kg body weight for a child). Treatment with phytomenadione (orally or intravenously) may be required for several weeks. The advice of the National Poisons Information Service (<http://www.npis.org/>) should be sought, particularly if active bleeding occurs.

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. Avoid (reject) fire-fighting water to enter 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	: Concerning personal protective equipment to use, see item 8.
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 that non-target organisms come into contact with the product. Avoid uncontrolled disposal into the environment because of the danger for human and animal.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: On land, sweep or shovel into suitable containers.
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6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. Concerning disposal elimination after cleaning, see item 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : To avoid primary and secondary poisoning: 1) Always put the bait into suitable bait stations; 2) After treatment remove surplus bait; 3) Remove rodent carcasses according to national regulations.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Store in dry, cool, well-ventilated area. Protect from light.
- Storage temperature : < 40 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

- Hand protection : Wear protective gloves.
- Eye protection : No special eye protection equipment recommended under normal conditions of use.
- Skin and body protection : Normal overalls.
- Respiratory protection : It is not essential to wear respiratory equipment.
- Other information : When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Colour : red.
- Odour : Vanilla.
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : 54 °C
- Freezing point : No data available
- Boiling point : No data available
- Flash point : No data available
- Self ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : Non flammable.
- Vapour pressure : No data available
- Relative vapour density at 20 °C : No data available
- Relative density : No data available
- Solubility : Water: soluble
- Log Pow : No data available
- Viscosity, kinematic : No data available
- Viscosity, dynamic : No data available
- Explosive properties : No data available
- Oxidising properties : No data available
- Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

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10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Heat.

10.5. Incompatible materials

strong acids. Strong bases.

10.6. Hazardous decomposition products

Incomplete combustion may form carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Sorkil Bloc	
LD50 oral rat	LD50 of the bait is greater than 25 g/kg body mass.

3-(3-biphenyl-4-yl-1,2,3,4-tetrahydro-1-naphthyl)-4-hydroxycoumarin (56073-07-5)	
LD50 oral rat	1,8 mg/kg
LD50 dermal rat	51,5 - 63 mg/kg
LC50 inhalation rat (mg/l)	4h: 16,27 - 20,74 µg/m³

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	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Exposure may result to death of non-target organisms. . Toxic to birds.

3-(3-biphenyl-4-yl-1,2,3,4-tetrahydro-1-naphthyl)-4-hydroxycoumarin (56073-07-5)	
LC50 fishes 1	96h: 0,33 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 Daphnia 1	48h: 0,91 mg/l
ErC50 (algae)	72h: 0,51 mg/l

12.2. Persistence and degradability

Sorkil Bloc	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Sorkil Bloc	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

: Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dead rodents must be removed from the treatment area each day during treatment. Do not place in refuse bins or on rubbish tips. Bury dead rodents about 30 cm deep and at least 50 cm away from water sources, wells, water courses,...

Waste disposal recommendations : Put eventual leftovers in the garbage can. Put empty packaging in the dustbin.

SECTION 14: Transport information

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

14.1. UN number

No dangerous good in sense of transport regulations

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.6.4. Inland waterway transport

No additional information available

14.7. 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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

15.1.2. National regulations

Authorisation number of the biocide for Belgium: BE2012-0023

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Revision - See : *.

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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 R-, H- and EUH-phrases::

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
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
H300	Fatal if swallowed
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
R28	Very toxic if swallowed
R48/25	Toxic: danger of serious damage to health by prolonged exposure if swallowed
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
N	Dangerous for the environment
T	Toxic
T+	Very toxic

SDS EU (REACH Annex II)

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