

SAFETY DATA SHEET. UNICHEM d.o.o.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

1.1 TRADE NAME: **RATIMOR fresh bait** A ready to use rodenticide in both sachet and tray presentations. Contains 0.005%w/w bromadiolone. HSE no. 8194.

1.2 SUPPLIER: **UNICHEM d.o.o., Sinja Gorica 2, Vrhnika**

tel.: +386 (01) 75 58 150, fax.: +386 (01) 75 58 155

Distributed by Killgerm Chemicals Ltd, Denholme Drive, Ossett, West Yorkshire, WF5 9NA.

tel.: +44 (0)1924 268450, fax.: +44 (0)1924 265033,

email: technical@killgerm.com

2. HAZARDS IDENTIFICATION

Rodenticide, anticoagulant bait. Not classified as hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

SYMBOL R-Phrases S-Phrases

T+, N R 26/27/28, 48/24/25, 51 S 1/2, 13, 46, 61

BROMADIOLONE 0,005% CAS EINECS/ELINCS INDEKS No

28772-56-7 249-205-9

IUPAC: 3-[3-(4'-bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2-benzopyrone

SYMBOL R-Phrases S-Phrases

Xn R 20/22,38,41, 52/53 S 22,26,35,36/37/39,45,61

BITREX 30 ppm CAS EINECS/ELINCS INDEKS No

3734-33-6 223-095-2

IUPAC: cyclohexylmethyl-[(2,6-dimethylphenyl)amino]-2-oxoethyl]-diethylammonium benzoate

SYMBOL R-Phrases S-Phrases

XI R 36/38 S 24,28,60

BUTYLATED HYDROXYTOLUENE 0,1%

CAS EINECS/ELINCS INDEKS No

128-37-0 204-881-4

IUPAC: 2,6-bis (1,1-dimethylethyl)-4-methylphenol

4. FIRST AID

Never induce vomiting and do not give anything to drink or eat if the patient is unconscious. Symptomatic treatment.

4.1 INHALATION: Not concerned. Low risk by this route.

4.2 SKIN CONTACT: Take off contaminated clothes and shoes. Wash with water and soap. Seek medical advice.

4.3 EYES CONTACT: Flush immediately eyes with a large amount of water for 15 minutes. Take advice of an ophthalmologist.

4.4 INGESTION: Wash out mouth. Do not induce vomiting. Do not give anything to eat or drink. Keep warm at rest. Seek medical advice immediately.

5. FIRE-FIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA: Water spray jet , foam, dry chemical.

5.2 UNSUITABLE EXTINGUISHING MEDIA: Water jet from a fire hose.

5.3 FIRE AND EXPLOSION HAZARDS: In case of fire, the product emits toxic and irritating fumes.

5.4 SPECIAL PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus and protective clothing

OTHER RECOMMENDATIONS: Do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PROTECTION: Wear protective equipment. (figure 8)

6.2 ENVIRONMENT PRECUTIONS: Sweep into a suitable container and store material collected.

6.3 CLEAN-UP PROCEDURES: Rinse area with water an cleaning agent..

OTHER INFORMATION: -

7. HANDLING AND STORAGE

7.1 HANDLING: Wash hands and exposed part of the body with soap after work..

7.2 STORAGE: Store in dry cool conditions. Keep away from food, drinkj and animal feeding stuffs. Keep in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 TECHNICAL CONTROLS: -

8.2 RESPIRATORY PROTECTION: Not required.

8.3 SKIN PROTECTION: Wear suitable clothing and gloves.

8.4 EYES PROTECTION: Not required.

8.5 PERSONAL PROTECTION: -

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red soft mass like for cakes

Odour: Specific – according to aroma.

pH: n.a.

Flash point: -

Solidification point: -

Density: ca. 0,8 kg/dm³

Water solubility: -

10. STABILITY AND REACTIVITY

10.1 PRODUCTS OF DECOMPOSITION: Stable under normal conditions.

10.2 AVOIDED CONDITIONS: High temperatures.

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY: LD50 acute oral rat of active ingredient = 1,1 mg/kg (WHO)

LD50 acute oral rat for ready bait = 18.000 mg/kg

ACUTE DERMAL TOXICITY: LD50dermal. (rat) = 2,1 mg/kg (active ingredient)

OTHER INFORMATION: -

12. ECOLOGICAL INFORMATION

12.1 ECOTOXICITY: FISHES: LC50 (96 hours) – different species = 1,4 – 3,5 mg/L.

12.2 MOBILITY: KOC = 528; classification: immobilne (Tehnical report n.14/07/1997 Chemservice)

12.3 PERSISTENCE AND DEGRADIBILITY : DT50 (soil) = 1,8 – 7,4 days

12.4 AKUMULACIJA: Log Pow: 3,5 (Studio CH-14/96-B Chemservice)

OTHER INFORMATION: Do not dispose material in sewers and waterways.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation. Make container unusable.

14. TRANSPORT REGULATIONS

There are no regulatory restrictions affecting the transport of the product. Transport conditions should be in

accordance with section 7.2.

UN no.: 0 ; Not restricted.

15. REGULATORY INFORMATION

15.1 SYMBOLS AND LABELING: /

15.2 SPECIAL RISKS (R): / Not classified as hazardous. No risk phrases applicable.

15.3 SAFETY ADVICE (S):

S 1/2 – Keep locked up and out of the reach of children.

S 7/8 - Keep container tightly closed and dry.

S13 – Keep away from food, drink and animal feedingstuffs.

S46 – If swallowed, seek medical advice immediatly and show this container or label.

S49 – Store only in original container.

S36/37- Wear suitable protective clothing and gloves.

S 61 - Avoid release to the environment. Refer to special instructions / Safety data sheets.

16. OTHER INFORMATION

All the information of this safety data sheet are based on our actual knowledge as well as on EEC regulations.

The product has not to be employed for different uses than those indicated in section 1.

Use only according to product label directions for use.

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