

SAFETY DATA SHEET

Page 1 of 3

Romax Bromadiolone Whole Wheat BaitIssue No. 2
Issue date: 20/01/2006**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY**

Product name	Romax Bromadiolone Whole Wheat Bait	
Company	Barrettine Environmental Health. St Ivel way, Warmley, Bristol. BS30 8TY. Tel: 0117 967 2222 Fax: 0117 961 4122	Emergency Phone Number: 01179674655 Product Code: ROBR000 Approval No: HSE 7733

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	Propylene glycol 1-10% 57-55-6
	Wheat Grain 90-100%
	Bromadiolone 0.005% 28772-56-7 T+; R27/28; T; R48/24/25; N; R50/53

3. HAZARDS IDENTIFICATION

Main hazards	The preparation is non-dangerous in accordance with Directive 1999/45/EC Unlikely to cause harmful effects under normal conditions of handling and use.
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4. FIRST AID MEASURES

Skin contact	May cause skin irritation in susceptible persons. Remove contaminated clothing Wash off immediately with soap and plenty of water. If irritation persists obtain medical attention Contaminated clothing should be washed and dried before re-use
Eye contact	May cause eye irritation with susceptible persons. Rinse immediately with plenty of water and seek medical advice.
Inhalation	Unlikely to present an inhalation hazard unless excessive dust is present. Move to fresh air. Obtain medical advice immediately.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.
General advice	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). ADVICE FOR DOCTORS: Bromadiolone is an indirect anticoagulant. Phytomenadione, Vitamin K1, is antidotal. Determine prothrombin times 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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Keep fire exposed containers cool by spraying with water if exposed to fire. Carbon dioxide (CO2), alcohol-resistant foam, dry powder, water spray mist or foam.
Extinguishing media which must not be used for safety reasons	Do not use water jets
Special protective equipment for firefighters	In the event of fire, wear self-contained breathing apparatus, suitable gloves and boots.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear suitable protective clothing, gloves and eye/face protection. See section 8.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Clean up promptly by sweeping or vacuum. Transfer to a suitable labelled container. Subsequently, wash the contaminated area with water, taking care to prevent the washings entering sewers or drains.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Avoid dust formation. Do not smoke eat or drink while handling this product. Always use good personal hygiene procedures when handling chemicals. Wash hands and face before eating, drinking or smoking. Read the label before use. Unlikely to produce much dust.
Storage	Keep in a cool, well-ventilated place. Keep out of reach of children. Keep away from food and animal feedstuffs Keep away from oxidising agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)	Propylene glycol TWA(ppm):150 TWA(mg/m3):470 Wheat Grain TWA(mg/m3):10 as dust (MEL)
Respiratory protection	Unlikely to present an inhalation hazard unless excessive dust is present. If dust levels approach the MEL's or OES then suitable approved respiratory protection should be worn.
Hand protection	Impervious gloves
Eye protection	Tight fitting goggles if exposed to excessive dust.
Skin and body protection	Impervious clothing, boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour	Red
Odour	Slight
Relative density	0.65 - 0.75 (Bulk Density)

10. STABILITY AND REACTIVITY

Stability	Stable at normal conditions
Conditions to avoid	Heat, flames and sparks.
Materials to avoid	Oxidising agents
Hazardous decomposition products	Combustion or thermal decomposition will produce toxic and irritant fumes

11. TOXICOLOGICAL INFORMATION

Acute toxicity	ORL RAT LD50 approx 20g/Kg
Primary irritation	No eye irritation No skin irritation
Sensitization	Grain Dust and flour dust are respiratory sensitizers causing asthma. As the product is a low dust whole wheat grain, it is unlikely to create sufficient dust to cause any problems.
mutagenic effects	No evidence to suggest anticoagulant rodenticides are mutagenic
carcinogenic effects	No evidence to suggest anticoagulant rodenticides are carcinogenic.

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12. ECOLOGICAL INFORMATION

Ecotoxicity As the product contains 50ppm bromadiolone, unlikely to be hazardous to aquatic life.

13. DISPOSAL CONSIDERATIONS

General Information Dispose of in accordance with local regulations

Contaminated packaging Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID Not classified as dangerous for transport.

Proper shipping name

IMO

IATA-DGR

15. REGULATORY INFORMATION

Labelling The preparation is non-dangerous in accordance with Directive 1999/45/EC. Covered by the Control of Pesticides Regulations (1986). It has been labelled in accordance with those regulations.

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2 R27/28 - Very toxic in contact with the skin and if swallowed.
R48/24/25 - Toxic: danger of serious damage to health by prolonged exposure in contact with the skin and if swallowed.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Recommended restrictions Ready for use rodenticide containing 50 ppm bromadiolone

Sources of key data used to compile the datasheet Raw material suppliers Safety Data Sheets.
CHIP 2002
EH40