

SAFETY DATA SHEET

Date of Issue: 21.01.2015

Issue: 4

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: RID RAT SUPER

USE: Anticoagulant bait for rats and mice.

COMPANY IDENTIFICATION : Rentokil Products NZ
Level 1, 89 Carbine Road,
Mt Wellington
Auckland 1060

Private Bag 92905, Onehunga,
Auckland 1643
Tel (+64) (9) 573 7740
Fax (+64) (9) 573 0264

Emergency Telephone Numbers: **National Poison Centre**
Tel 0800 POISON (0800 764 766)

Emergency Service (Police, Fire, Ambulance)
Dial 111

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Product classified as hazardous according to Schedules 1 to 6 of the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 of the HSNO Act 1996.

EPA Register No: HSR001603

HSNO Classifications: 6.9B, 9.1D



Signal word: WARNING

Hazard statements:

H363 May cause damage to organs through prolonged or repeated exposure.

H413 May cause long lasting harmful effects to aquatic life.

Prevention statements:

P103 Read label before use

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P260 Do not breathe dust.

Response statements:

P314 Get medical advice if you feel unwell.

P273 Avoid release to environment.

Storage statements:

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Disposal statement:

P501 Dispose of containers and product in accordance with any local regulations.

3. COMPOSITION: INFORMATION ON INGREDIENTS

Common name	CAS. No	% w/w
Bromadiolone	28772-56-7	0.005
Other ingredients (non hazardous)		balance

4. FIRST AID MEASURES

Consult the National Poison Centre, telephone 0800 764 766 [0800 POISON] or a doctor in every case of suspected poisoning.

INGESTION: If swallowed, get medical advice. An emetic is advisable but not necessary unless administered immediately.

EYES: Hold eyes open and carefully rinse eyes with running water for 15 minutes. Remove contact lenses, if present and easy to do after first 5 minutes then continue rinsing. Seek medical advice if irritation persists.

SKIN: Wash with soap and plenty of water.

INHALATION: Unlikely to be an exposure route.

ADVICE TO DOCTOR: Vitamin K1 is used as a specific antidote.

5. FIRE FIGHTING MEASURES

FLASH POINT: Non flammable

FLAMMABLE LIMITS: LFL: Not applicable UFL: Not applicable

EXTINGUISHING MEDIA: Water spray, water fog, foam, CO₂, dry chemical.

FIRE & EXPLOSION HAZARDS: Combustible product.

FIRE-FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and personal protection clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Sweep up spillage, place in labelled container for safe disposal. If quantity of bait has entered watercourse or sewer, advise emergency services.

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7. HANDLING AND STORAGE

HANDLING: Read label before use. Keep out of reach of children. Wear synthetic rubber or PVC gloves. Wash hands and exposed skin before eating, drinking or smoking and after work.

STORAGE: Store in closed original container in a safe place out of reach of children and pets, and away from food, drink and animal feedstuffs.

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

EXPOSURE GUIDELINES: No Workplace Exposure Standard (WES) has been set by WorkSafe NZ for this substance.

ENGINEERING CONTROLS: None specified.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Face/Eye protection: Not necessary.

Skin protection: Synthetic rubber or PVC gloves.

Respiratory protection: Not applicable.

Other: None specified.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Whole wheat grains
Colour:	Green
Odour	No perceptible odour
Melting point (°C):	Not applicable
Flash point (°C):	Non flammable
Auto ignition temperature (°C):	Not known
Density at 20°C, g/ml:	Not determined
Solubility in water:	Insoluble
pH:	Not applicable

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): None identified.

INCOMPATIBILITY (MATERIALS TO AVOID): None identified.

HAZARDOUS DECOMPOSITION PRODUCTS: None identified.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which might occur if this product is not handled in the recommended manner.

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INGESTION: The acute oral LD₅₀ for the rat for technical Bromadiolone is 0.56 mg/kg.

Refer to possible adverse health effects under SYSTEMIC EFFECTS heading.

EYE: Foreign matter, e.g. grain or dust may cause an irritant effect.

SKIN: Not identified as having irritancy effects.

INHALATION: Product is not classified as having acutely toxic effects by inhalation route.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: Hazardous by repeated ingestion . Anticoagulants reduce the clotting power of blood so internal and external hemorrhages occur. This will cause death if sufficient quantities are consumed. Symptoms of poisoning are bleeding gums, pallor, hemorrhage at elbows, knees and buttocks, blood in urine and faeces, and very occasionally paralysis due to cerebral hemorrhage.

CANCER INFORMATION: No adverse effects identified.

TERATOLOGY (BIRTH DEFECTS): No adverse effects identified.

REPRODUCTIVE DEFECTS: No adverse effects identified.

MUTAGENICITY (EFFECTS ON GENETIC MATERIAL): No adverse effects identified.

12. ECOTOXICITY INFORMATION

Product is used as vertebrate toxic agent (for rodents).

ENVIRONMENTAL FATE: Not likely to bioaccumulate.

MOVEMENT AND PARTITIONING: Not determined.

DEGRADATION AND PERSISTENCE: Not determined.

ECOTOXICOLOGY: Classified for biocidal activity.

13. DISPOSAL CONSIDERATIONS

Bait and bait containers must be burned or buried. Recover rodent bodies if seen, and these must be burned or buried. Do not place in refuse bins or on rubbish tips.

Empty container completely and dispose of safely. Burn or bury in accordance with local authority regulations.

14. TRANSPORT REGULATIONS

TRANSPORT:

UN Number: Not classified

HAZCHEM: -

Class: -

Packing Group: III (or IV) - refer section 15

DANGEROUS GOODS SEGREGATION:

This product is not classified as a Dangerous Good for land transport. Please consult the Land Transport Rule: Dangerous Goods 2005 and NZS 5433:2012 *Transport of Dangerous Goods on Land* for further information.

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15. REGULATORY INFORMATION

NZ EPA Register: HSR0001603; Bait containing 0.05 g/kg – 0.1 g/kg bromadiolone.
Refer to www.epa.govt.nz for applicable Controls under the HSNO Act 1996.

Registered as a Vertebrate Toxic Agent (VTA) pursuant to the ACVM Act 1997 No. V002964
See www.foodsafety.govt.nz for registration conditions

16. OTHER INFORMATION

Date of Issue: 21 January, 2015
Reason for issue: 5-year review of SDS.
Replaces: Safety Data Sheet dated 12 March 2010

Abbreviations:

EPA	Environmental Protection Authority
GHS	Global Harmonised System
HSNO	Hazardous Substances and New Organisms Act
NZIoC	New Zealand Inventory of Chemicals
STEL	Short Term Exposure Limit (15 minute exposure period)
TWA	Time-Weighted Average (8 hours exposure period)
WES	Workplace Exposure Standard

References:

EPA website www.epa.govt.nz
Supplier Safety Data Sheets

Before using any product, read its label carefully and ensure that you understand its contents. This information is, to the best of our knowledge and belief, accurate and reliable at the date of publication. The information relates only to the specific material designated and may not be valid for such material if it is used in combination with any other material(s). Rentokil Initial Limited disclaims any liability for loss or damage suffered from the use of this information. This does not affect your statutory rights. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for his/her own particular use.

END of SAFETY DATA SHEET