



SHREENATH ENTERPRISE

MATERIAL SAFETY DATA SHEET RATSEAL PROFESSIONAL RAT BAIT

MSDS Number: 0003
Revision Date: 01/04/2013

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name ALLSEAL PROFESSIONAL RAT BAIT
MSDS Number 0003
SHREENATH ENTERPRISE
C1B 110/1 G.I.D.C PANOLI
DI-BHRUCH GUJRAT INDIA
For MEDICAL, TRANSPORTATION or other EMERGENCY call: 02646-272764
For Product Information call:02646-272765

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component Name</u>	<u>CAS-No.</u>	<u>Average % by Weight</u>
Bromadiolone	28772-56-7	0.005

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview Caution! Causes eye irritation. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling.

Routes of Exposure Ingestion, Eye contact, Skin contact

Eye Causes eye irritation. Avoid contact with eyes.

Skin May cause slight irritation. Avoid contact with skin and clothing.

Ingestion Do not take internally.

Chronic or Delayed Long-Term This product or its components may have target organ effects.

SECTION 4. FIRST AID MEASURES

General 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. Phytonadione, 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.

Eye Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.

Skin Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.

Ingestion Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended.



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SECTION 5. FIRE FIGHTING MEASURES

Explosiveness	Not explosive
Suitable Extinguishing Media	Water spray, Carbon dioxide (CO ₂), Foam, Sand
Fire Fighting Instructions	<p>Contain the spread of the fire-fighting media. Do not allow run-off from firefighting to enter drains or water courses.</p> <p>Keep out of smoke. Fight fire from upwind position.</p> <p>In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.</p>

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with spilled product or contaminated surface Use personal protective equipment.
Methods for Cleaning Up	The nature of this product, when contained in commercial packs makes spillage unlikely. However, if significant amounts are spilled then the following advice is applicable. Take up with absorbent material (e.g. sand, diatomaceous earth or a proprietary absorbent material). Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

Handling Procedures	Use only in area provided with appropriate exhaust ventilation.
Storing Procedures	Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Keep away from food, drink and animal feeding stuffs.
Work/Hygienic Procedures	Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics. Remove soiled and/or soaked clothing immediately and clean thoroughly before using again. Then wash thoroughly and put on clean clothing.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General Protection	Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry. Train employees in safe use of the product. Follow all label instructions.
Eye/Face Protection	Safety glasses
Hand Protection	Chemical resistant nitrile rubber gloves
Body Protection	Wear long-sleeved shirt and long pants and shoes plus socks.



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Respiratory Protection No personal respiratory protective equipment normally required. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance dark green
Physical State solid, wax
Odor sweet, cereals-like
Relative density 0.65 - 0.75 (Bulk Density)
Water solubility insoluble
Other Information Not known.

SECTION 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

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity ORL RAT LD50 approx 1.75mg/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.

SECTION 12. ECOLOGICAL INFORMATION

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

SECTION 13. DISPOSAL CONSIDERATIONS



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General Information Dispose of in accordance with local regulations

Contaminated packaging Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

TDG (india): Not regulated for road or rail.

SECTION 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

SECTION 16. OTHER INFORMATION

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.

Prepared by : SHREENATH ENTERPRISE
Revision Date: 01/04/2013

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