

# MATERIAL SAFETY DATA SHEET

## RUN-RAT (Bromadiolone 0.005 % RB)

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND SUPPLIER

<b>Product Name</b>	:	<b>RUN-RAT</b>
<b>Technical Name</b>	:	Bromadiolone 0.005 % RB
<b>Molecular Formula</b>	:	<b>C<sub>30</sub>H<sub>23</sub>BrO<sub>4</sub></b>
<b>Corporate Address</b>	:	<b>Arbuda Agrochemicals Limited</b> 1104, Ruby Crescent Business Boulevard, Ashok Chakravarti, Road, Kandivali-East, Mumbai-400101, Maharashtra, India Customer Care No- +91 9076907642 Email - info@arbudaagrochemicals.com
<b>Manufacture Address</b>	:	<b>Arbuda Agrochemicals Limited</b> Plot No-279-283, GIDC, Taluka-Talod District Sabarkantha, Gujarat-383215

### 2. HAZARDS IDENTIFICATION

Bromadiolone 0.005% (Cake) is low in toxic and not considered hazardous to human beings.

<b>Inhalation</b>	:	Dust can cause mild irritation, like soar throat.
<b>Skin contact</b>	:	Non-irritant.
<b>Eye contact</b>	:	Non-irritant.
<b>Ingestion</b>	:	Large quantity may cause hemorrhage.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	:	Bromadiolone	= 0.005% w/w
	:	Broken cereals, paraffin wax	= 99.995% w/w
			.....
			100.00% w/w

### 4. FIRST AID MEASURES

<b>Eyes</b>	:	Wash eyes immediately with large amount of water .
<b>Skin</b>	:	Remove contaminated clothing and shoes. Wash effected area with soap or mild detergent and large amounts of water.
<b>Inhalation</b>	:	Remove from exposure area to fresh air. Treat symptomatically and supportively. Get medical attention.

**Ingestion :** If only a small amount of bait have been ingested by an adult or child having no antecedent liver or blood clotting disease, treatment is probably unnecessary. If large amounts of cake is ingested in the preceding 2-3 hours, induce vomiting with syrup of ipecac, followed by 1-2 glasses of water.

Following emesis, give activated charcoal in 110-170 ml of water to limit absorption of Anticoagulant remaining in the gut. Observe patient 4-5 days after ingestion. Get medical attention immediately.

## **Notes to physicians or first aid Providers :**

Vitamin K is a specific antidote. Vitamin - K1 emulsion is the preferred form. The initial subcutaneous or intramuscular dose in the adults is 5 to 10 mg (upto 25mg), repeat if necessary. Only in victims who are bleeding severely or otherwise in serious distress should the drug be given intravenously and then at a rate no faster than 1 mg/minute. If necessary, on subsequent days, Vitamin K1 should be continued at a reduced level until the prothrombin time returns to normal. Antidote should be administered by qualified medical personnel.

## **5. FIRE-FIGHTING MEASURES**

**Fire and explosion Hazards:** Slight fire hazard when exposed to heat or flame.

**Fire fighting media:** Foam, Carbon Dioxide, Dry Chemical, Halon or water spray or standard foam. For larger fires, use water spray or standard foam.

**Fire fighting precaution :** Move containers from fire area if possible. Fight fire from maximum distance. Stay away from storage ends. Dike fire control water for later disposal. Do not scatter material.

## **6. ACCIDENTAL RELEASE MEASURES**

**Accidental release measure:** For spills, with a clean shovel place material into containers and cover. Move containers from spilled area for later disposal. Keep unnecessary people away. Isolate hazard area and deny entry. Ventilate closed spaces before entering.

## **7. HANDLING AND STORAGE**

**Handling and Storage :** The package containing the disposal rodenticide shall be stored in separate rooms or premises away from the room or premises used for storing other articles or shall be kept under lock and key depending upon the quantity of the rodenticide. The room or premises meant for storing the rodenticide shall be well built, well lit, dry and well ventilated and of sufficient dimensions to avoid contamination with vapor.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure controls/Personal protection:**

<b>Eye Protection</b>	:	wear safety goggles.
<b>Skin Protection</b>	:	Prevent contact with this substance.
<b>Work Hygienic Practices</b>	:	Best house-keeping practices

**Other protective clothing or equivalent:** Wear appropriate protective clothing to prevent any possibility of skin contact with this substance.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Solid cake.
Odor	:	Nil
Density	:	---
Melting point	:	56 °C
Boiling Point	:	Not applicable
Vapor Pressure	:	----
Water Solubility	:	Insoluble
Corrosiveness	:	None

**10. STABILITY AND REACTIVITY**

Stability	:	Stable under normal temperature and pressure.
Incompatibilities	:	Strong oxidizers and alkalis.

**11. TOXICOLOGICAL INFORMATION****Toxicological information details**

Acute Oral Toxicity	:	Rat LD50 – 1.75 mg/kg
Acute Dermal Toxicity	:	Rabbit LD50 – 0.49 mg/kg
Skin irritation	:	Non irritant
Eye irritation	:	Non irritant
Carcinogen Status	:	None

**12. ECOLOGICAL INFORMATION**

<b>Ecological Information</b>	:	No data available.
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**13. DISPOSAL CONSIDERATION**

Waste disposal method: Observe all state and local regulations when storing or disposing of this substance. For assistance, contact the manufacturer. Disposal of containers: The packages shall be broken and buried away from habitation. The used packages shall not be left outside to prevent their re-use. Package or surplus material and washings should be disposed of in safe manner so as to prevent contamination of environment or water pollution.

**14. TRANSPORT INFORMATION**

UN No. : 2588 (solid)

U.N.Hazard class : 6.1 (poison)

IMDG Code : 6145

**15. REGULATORY INFORMATION**

Regulatory Information : As per CIB Registration, highly toxic..

Risk/Safety Phrases : Keep away from food, drink and animal feeding stuffs.

Safety, health, and environmental regulations/legislation specific for the substance or mixture

**Further information**

Class II : Highly toxic

Colour : bright yellow Poison

Keep out of the reach of children

**16. OTHER INFORMATION**

**MSDS PREPARATION DATE** 01/04/2025

**REVISION DATE** 31/03/2027

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment or work risk as required by other health and safety legislation.