

MATERIAL SAFETY DATA SHEET**BAIT-O-ROACH (IMIDACLOPRID 2.15% GEL)****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND SUPPLIER**

PRODUCT NAME : Imidacloprid 2.15% GEL
CHEMICAL GROUP : Neonicotinoid insecticide
RECOMMENDED USE : Commercial gel for household use.
SUPPLIER ADDRESS : Arbuda Agrochemicals Pvt. Ltd
1104, Ruby Crescent Business Boulevard, Ashok
Chakravarti Road, Kandivali-East, Mumbai-400101,
Maharashtra, India
Customer Care No- +91 9076907642
Email - info@arbudaagrochemicals.com

MANUFACTURER ADDRESS : Arbuda Agrochemicals Pvt. Ltd.
Plot No-281-283, GIDC, Taluka –
Talod District-Sabarkantha, Gujarat-
383215

2. COMPOSITION/ INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO	WATER BASE
Imidacloprid GEL	138261-41-3	2.15%

3. HAZARDS IDENTIFICATION

ROUTE(S) OF ENTRY: Inhalation; Skin Contact, Eye Contact, Ingestion

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE EFFECTS OF EXPOSURE: No specific symptoms of acute overexposure are known to occur in humans. Based on EPA Toxicity Category criteria, this product are essentially non-toxic by the oral and dermal routes of exposure. In addition, animal studies have shown that this material is minimally irritating to the eye and slightly irritating to the skin.

CHRONIC EFFECTS OF EXPOSURE: No specific symptoms of chronic overexposure are known to occur in humans.

CARCINOGENICITY: No specific medical conditions are known which may be aggravated by exposure to this product.

4. FIRST AID MEASURES

First aid for Eye : Hold eye-lids open and flush with plenty of water for 15 minutes. Call a physician if irritation persists or develops after flushing.

First aid for Skin : Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation persists. If signs of intoxication (poisoning) occur, get medical attention immediately.

First Aid for Inhalation : First, remove victim to fresh air or uncontaminated area. If not breathing, give artificial respiration, Preferable by mouth-to-mouth. Get medical attention as soon as possible.

First aid for ingestion : If ingestion is suspected, call a physician or poison control center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. If syrup of ipecacis available, administer 1 table spoonful (15 mL) of syrup of ipecac followed by 1 to 2 glasses of water. If vomiting does not occur within 20 minutes, repeat the dose once. Do not induce vomiting or give anything by mouth to an unconscious person.

Note to Physician : Treat symptomatically.

5. FIRE-FIGHTING MEASURES.

Extinguishing Media : Water, Carbon Dioxide, Dry Chemical, Foam Keep out of smoke, cool exposed containers with water spray. Fight fire from upwind position. Use self-contained breathing equipment. Contain run-off by diking to prevent entry into sewers or waterways. Equipment or materials involved in pesticide fires become contaminated.

Special Fire Fighting Procedures.

6. ACCIDENTAL AND RELEASE MEASURES

Spill or Leak Procedures

Isolate area and keep unauthorized people away. Do not walk through spilled material. Avoid breathing vapors and skin contact. Wear proper protective equipment. Like contaminated area with absorbent granules, soil, sand, etc. If large spill, material should

be recovered. Small spills can be absorbed with absorbent granules, spill control pads, or any absorbent material. Carefully sweep up absorbed spilled material. Place in covered container for reuse or disposal. Scrub contaminated area with soap and water.

Use dry absorbent material such as clay granules to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed. Do not allow material to enter streams, Sewers, or other waterways or contact vegetation.

7. HANDLING AND STORAGE

- Storage Temperature (min/max)** : None/30 day average not to exceed 100 F.
- Shelf life** : Time temperature–dependent, contact CWFPL for specific information.
- Special Sensitivity** : Store in a cool dry area designated specifically for pesticides. Do not store near any material intended for use or consumption by humans or animals.
- Handling /storage Precautions**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Required work/ Hygiene Procedures** : Exposure during the end–use of this product is expected to be minimal. End–users should refer to the packaging label for proper handling procedures. However, if exposure to this product is possible while handling large quantities such as in manufacturing, transportation spills or other emergencies, the following personal protection is recommended
- Eye Protection Requirements** : Safety glasses
- Skin Protection Requirement** : Long sleeves and trousers

Hand Protection Requirement : Chemical-resistant gloves such as latex or nitrile.

Respirator Requirement : NIOSH (national institute of occupational safety & health) – approved particulate respirator **Additional Protective Measures** Clean water should be available for washing in case of eye or skin contamination. Educate and train employees in safe use of the product. Launder clothing after use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : GEL
COLOUR : White
SOLUBILITY IN WATER : Miscible
DENSITY : Ca. 1.21 cm³ at 20°C
FLAMMABILITY : Not highly Flammable

10. STABILITY AND REACTIVITY

Stability : Stable material
Hazardous Polymerizing : Will not occur
Incompatibilities : None known
Instability Conditions : None known
Decomposition Products : None known

11. ECOLOGICAL INFORMATION

The active ingredient in this product has been thoroughly evaluated for ecological effects. As with any pesticide, this product should be used according to label directions.

12. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Follow container label instructions for disposal of wastes generated during use in compliance with the product label. In other situations, bury in an EPA approved landfill or burn in an incinerator approved for pesticide destruction. Do not reuse container.

13. TOXICOLOGICAL INFORMATION

Only acute studies have been performed on this product as formulated. The non-acute information pertains to the active ingredient, imidacloprid.

Acute Toxicity

ORAL LD50– Male and Female Rat: >5000 mg/kg DERMAL LD50:

Male & Female Rat: >5000 mg/kg INHALATION LC50:

No Data Available

Eye Effects

Rabbit: Minimum irritation to the lids and conjunctiva wash observed with all irritation cleared by 48 hours post-treatment

Skin Effects

Rabbit: Slight dermal irritant.

Sensitization

Guinea Pig: Not a dermal sensitizer.

Chronic Toxicity

Imidacloprid caused thyroid and/or liver effects in chronic dietary studies in rats and dogs.

Mutagen city

The imidacloprid mutagen city studies, taken collectively, demonstrate that the active ingredient is not gens toxic or mutagenic.

Reproduction & Development Toxicity

REPRODUCTION: Imidacloprid was not a reproductive toxicant in a multi generation study in rats.

DEVELOPMENTAL TOXICITY: Imidacloprid is not considered a primary developmental toxicant in rats and rabbit. Development effects were observed that caused maternal toxicity.

Neurotoxicity:

Imidacloprid showed slight behavioral and actually changes only at the highest does tested in neurotoxicity studies in rats. There were no correlating morphological changes observed in neural tissues.

14. TRANSPORT INFORMATION

UN Number	3077
Class	7
Packing Group	III
Description	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID MIXTURE)

15. REGULATORY INFORMATION

None.

16. OTHER INFORMATION

MSDS PREPARATION DATE **01/03/2024**

REVISION DATE **28/02/2026**

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.