

Safety Data Sheet

Apex Cockroach Bait

Last Updated: September 1, 2016

1. PRODUCT IDENTIFICATION

1.1. Product Identifiers

Product name: Apex Cockroach Bait
EPA Registration #: 88746-4

1.2. Other Means of Identification

Product synonyms: none

1.3. Recommended Uses/Restrictions to Use

Uses: 2.15% Imidacloprid gel for control of various pest species per label
Restrictions: See product label for details

1.4. Supplier Details

Company: Solutions Pest & Lawn
2739 Pasadena Blvd
Pasadena, TX 77502 USA
Telephone: 713-955-2000

1.5. Emergency Contact

Outside normal business hours
Emergency Phone #: 1 800-424-9300 (USA & Canada)
1 703-527-3887 (Outside USA & Canada)

2. HAZARDS IDENTIFICATION

2.1. Classification of Substance or Mixture: none

2.2. GHS label elements, including precautionary statements

Pictogram(s) none

Signal word none

Hazard statement(s)
none

Precautionary statement(s)
none

2.3. Other hazards which do not result in classification

Imidacloprid is a neurotoxin that when consumed in sufficient quantities can have adverse effects up to and including death. This product contains a low concentration of Imidacloprid and normal use should not result in significant occupational hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances: Not applicable

3.2. Mixtures

Hazardous component(s) or components of note:

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Hazard Classification

Chemical Identity	Contains (% w/w)	CAS-No.	Hazard Classification
Imidacloprid	2.15	138261-41-3	none

4. FIRST AID MEASURES

4.1. Description of first aid measures General advice:

Consult a physician or poison control center. Provide this safety data sheet to medical personnel.
Move out of hazardous areas.

If inhaled:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

In case of skin contact:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

In case of eye contact:

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 poison control center or doctor for treatment advice.

If swallowed:

Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed:

Imidacloprid may cause drowsiness, dizziness, vomiting, disorientation, and fever with ingestion of more than an incidental amount.

4.3. Indication of any immediate medical attention and special treatment needed, if necessary: See section 4.2.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Specific hazards arising from the chemical

Oxides of carbon, nitrogen, and sulfur.

5.3. Special protective equipment and precautions for fire fighters

Wear self-contained breathing apparatus for firefighting if deemed necessary.

Additional information: none.

5.4. Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled product and contaminated surfaces. Evacuate personnel to safe areas during emergencies. For safe handling instructions see section 7. For proper PPE see section 8.

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6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow release directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark.

6.3. Methods and materials for containment and cleaning up

Wipe up any spilled material and dispose of according to instructions in section 13. Wash contaminated surfaces with soap and water.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene practices. Wash hands thoroughly with soap and water after use and before eating, drinking, chewing gum, using tobacco, or using the toilet. For additional precautions see section 2.2

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Store in original container. Do not store where children or animals may gain access.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Components with workplace parameters

Component	CAS-No.	Value	Control parameters	Basis
none	-----	-----	-----	-----

8.2. Appropriate engineering controls

Ensure relevant engineering controls are employed to prevent exceeding threshold values for the listed control parameters in section 8.1.

8.3. Individual protection measures, such as personal protective equipment

In normal use and handling conditions refer to the product label for required PPE. In all other cases the following recommendations would apply.

Eye/face protection

Safety glasses or other similar eye protection conforming to ANSI Z87.1 standards recommended when handling product.

Skin protection

Chemical resistant nitrile rubber or similarly compatible gloves recommended when handling product. Dispose of contaminated gloves after use in accordance with applicable local and state regulations. Wash exposed skin with soap and water immediately. Wash all contaminated clothing prior to reuse.

Respiratory protection

Not required under normal use conditions.

Thermal hazards

None known

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

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Appearance: Opaque, golden beige semi-solid paste/gel

Odor: Sour/eggy

Odor threshold: No data available

pH: 5.35 @ 1% in water (25.3 °C)

Melting point/freezing point: No data available

Initial boiling point: No data available range

Flash point: No data available

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability: No data available

Explosive limits: No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: 1.10 g/ml

Solubility: Partially soluble in water

Partition coefficient: n- No data available octanol/water;

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: 44869 cP at 25.6 °C(Cannon-Fenske)

9.2. Additional Information

No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Exposure to excessive heat. Avoid temperatures below 32 °F (0 °C)

10.5. Incompatible materials

Strong oxidizing agents. Strong reducing agents.

10.6. Hazardous decomposition products

Other decomposition products – no data available

In the event of a fire: see Section 5

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11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects Acute Toxicity

LD50 Oral – Rat – > 5000 mg/kg

LD50 Dermal – Rat – > 5000 mg/kg

LD50 Inhalation – no data available

Skin corrosion/irritation

Skin – Rabbit

Results: slight skin irritation

(OECD Test Guideline 404)

Serious eye damage/irritation

Eye – Rabbit

Results: minimal eye irritation

(OECD Test Guideline 405)

Respiratory or skin sensitization

Not a known sensitizer

Germ cell mutagenicity

Not a known mutagen

Carcinogenicity

IARC:	No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.
NTP:	No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.
OSHA:	No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

Imidacloprid is a neurotoxin that when consumed in sufficient quantities can have adverse effects up to and including death. This product contains a low concentration of Imidacloprid and normal use should not result in significant occupational hazard.

Aspiration hazard

No data available

11.2. Other information

No data available

12. ECOLOGICAL INFORMATION

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12.1. Toxicity

Toxicity to fish: No data available

Toxicity to daphnia: No data available and other aquatic invertebrates

12.2. Persistence and degradability: No data available

12.3. Bioaccumulative potential: No data available

12.4. Mobility in soil: No data available

12.5. Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS

13.1. Disposal Methods.

The best disposal method is to use the entire quantity per label directions. If it is necessary to dispose of unused material then follow the label instructions and relevant local, state and federal waste disposal guidelines.

Product Disposal:

Do not contaminate water, food or feed by storage or disposal.

Packaging Disposal:

If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1800-CLEANUP which is managed as a public-private partnership.

See section 8 for proper PPE and precautionary handling measures.

14. TRANSPORT INFORMATION

DOT

Not dangerous goods

IMDG

Not dangerous goods IATA

Not dangerous goods

15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

Causes slight skin and eye irritation.

Avoid contact with skin, eyes or clothing.

Wash hands thoroughly with soap and water after use and before eating, drinking, chewing gum, using tobacco, or using the toilet.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

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Acute Health Hazard (Imidacloprid)

California Proposition 65 Components

This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or reproductive harm.

TSCA

All components of this product are listed, exempted, or excluded from listing on the U.S. Toxic Substances Control Act chemical substance inventory.

16. OTHER INFORMATION

Acronyms and abbreviations used

LD50	Lethal Dose, 50%
OECD	Organization for Economic Cooperation and Development
IARC	International Agency for Research on Cancer
ACGIH	American Conference of Industrial Hygienists
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
DOT	Department of Transportation
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
SARA	Superfund Amendments and Reauthorization Act
TSCA	Toxic Substances Control Act
CAS-No.	Chemical Abstract Services - Number
PPE	Personal Protective Equipment
HMIS	Hazardous Materials Identification System
NFPA	National Fire Protection Association
PPM	Parts Per Million

Hazard Rating System Crossover

HMIS Rating

Health Hazard: 1
Flammability: 0
Reactivity: 0

NFPA Rating

Health Hazard: 1
Flammability: 0
Reactivity: 0

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