

# SAFETY DATA SHEET

# BENGAL ROACH SPRAY II

## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Identifier: 92465, 96837, 92450, 92404, 92478, 96948  
Product Name: Bengal Roach Spray II  
Synonyms: EPA Reg. No. 68543-12  
Recommended Use: Insecticide - Crawling Bug - Aerosol  
Uses advised against: No information available  
Supplier Name: Bengal Products, Inc.  
Supplier Address: 13739 Airline Hwy, Baton Rouge, LA 70817 USA  
Supplier Phone No: Phone: 225-753-1313 Fax: 225-753-1464  
Emergency Phone No.: 225-753-1313

## 2. HAZARDS IDENTIFICATION

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Inhalation (Dusts/Mists) Category 4  
Flammable Aerosols Category 2  
Gases under pressure: Compressed gas

### Emergency Overview

Signal word: Warning  
Hazard Statements: Harmful if swallowed. Harmful if inhaled.  
Flammable aerosol. Contains gas under pressure; may explode if heated.



Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**Flammable.** Contents under pressure. Keep away from fire, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Never leave container in parked or unattended vehicles. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical Name</u> | <u>CAS No.</u> | <u>Weight-%</u> | <u>Trade Secret</u> |
|----------------------|----------------|-----------------|---------------------|
| Permethrin           | 52645-53-1     | 2.00            |                     |
| Other Ingredients    |                | <98%            | **                  |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage of the composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

**IF SWALLOWED:** • Call a physician or poison control center immediately 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 physician or poison control center. • Do not give anything by mouth to an unconscious person.

**IF IN EYES:** • 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 for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

**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.

**IF ON SKIN:** • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.

**Most Important Symptoms and Effects:** Coughing and/ or wheezing. Difficulty in breathing.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Use extinguishing agent suitable for type of surrounding fire. Dry chemical or CO<sub>2</sub>. water spray, fog or regular foam. Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists. **DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.**

Specific Hazards Arising from the Chemical: Some may burn but none ignite readily. Ruptured cylinders may rocket.  
Uniform Fire Code: Aerosols: Level II  
Hazardous Combustion Products: Carbon oxides.  
Explosion Data: Sensitivity to Mechanical Impact-Yes. Sensitivity to Static Discharge-Yes.  
Protective equipment and precautions for firefighters: Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

### **6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Stop leak if you can do it without risk. Do not touch or walk through spilled material.  
Other Information: Ventilate the area.  
Environmental Precautions: Prevent entry into waterways, sewers, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material.  
Methods for Containment: If possible, turn leaking containers so that gas escapes rather than liquid. Allow substance to evaporate. Methods for cleaning up: Do not direct water at spill or source of leak.

### **7. HANDLING AND STORAGE**

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Do not puncture or incinerate cans. Contents under pressure. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with eyes.  
Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not store near combustible materials. Store in accordance with the particular and local regulations.  
Incompatible Products: None known.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eye/Face Protection: Tight sealing safety goggles.  
Skin and Body Protection: Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.  
Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.  
Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.  
Exposure Limits: 1000ppm TWA recommended by chemical manufacturer.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

|  |  |
|--|--|
| Specific Gravity Of Concentrate: Approx. 1.272         | Vapor Pressure (Psig @ 70°F): 65           |
| Boiling Point (F): N/A                                 | Percent Volatile By Volume: <98%           |
| Solubility In Water : Practically Insoluble            | Evaporation Rate(Water=1): Not Established |
| Appearance: Brown to dark brown viscous liquid         | Odor: Mild Ethereal Odor                   |
| Flammable Limits In Air, % by volume: Lower: 3.4%      | Upper: 18.0%                               |
| Other Physical and Chemical Properties not determined. |  |

### **10. STABILITY AND REACTIVITY**

|                                     |  |
|-------------------------------------|--|
| Reactivity:                         | No data available.                           |
| Chemical stability:                 | Stable under recommended storage conditions. |
| Possibility of Hazardous Reactions: | None under normal processing.                |
| Hazardous Polymerization:           | Hazardous polymerization does not occur.     |
| Conditions to avoid:                | Excessive heat, flames and sparks.           |
| Incompatible materials:             | None known based on information supplied.    |
| Hazardous Decomposition Products:   | Carbon oxides.                               |

### **11. TOXICOLOGICAL INFORMATION**

| <b><u>Toxicity Study</u></b> | <b><u>Classification</u></b>      |
|------------------------------|-----------------------------------|
| Acute Oral:                  | EPA Category IV (LD50 > 5000mg/L) |
| Acute Dermal:                | EPA Category IV (LD50 > 5000mg/L) |
| Acute Inhalation:            | EPA Category IV (LC50 > 2.02mg/L) |
| Primary Eye:                 | EPA Category IV                   |
| Primary Dermal:              | EPA Category IV                   |
| Sensitization:               | Non-sensitizer                    |

Some of the toxicity data may be bridged from substantially similar tested formulations.

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name         | ACGIH | IARC              | NTP | OSHA |
|-----------------------|-------|-------------------|-----|------|
| Permethrin 52645-53-1 |       | Group 2A, Group 3 |     | X    |

IARC (International Agency for Research on Cancer): Group 2A - Probably Carcinogenic to Humans. Group 3 - Not Classifiable as to Carcinogenicity in Humans.

OSHA (Occupational Safety and Health Administration of the US Department of Labor): X - Present

**12. ECOLOGICAL INFORMATION**

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated areas. Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**13. DISPOSAL CONSIDERATIONS**

Disposal methods: This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging: Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number: D001

California Hazardous Waste Codes : 232

This product contains one or more substances that are listed with the State of California as a hazardous waste.

**14. TRANSPORT INFORMATION**

DOT

|                                 |                           |
|---------------------------------|---------------------------|
| Proper Shipping Name            | CONSUMER COMMODITY        |
| Hazard Class                    | ORM-D                     |
| Description                     | CONSUMER COMMODITY, ORM-D |
| Emergency Response Guide Number | 126                       |

IATA

|                      |                                  |
|----------------------|----------------------------------|
| UN-No.               | UN1950                           |
| Proper Shipping Name | AEROSOLS, FLAMMABLE              |
| Hazard Class         | 2.1                              |
| Description          | UN1950, AEROSOLS, FLAMMABLE, 2.1 |

**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. The pesticide label also includes other important information, including directions for use. Following is the hazard information as required on the pesticide label: CAUTION. KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed.

Causes moderate eye irritation.

Avoid contact with eyes or clothing.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory: Complies

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | CAS No.    | Weight-% | SARA 313 - Threshold Values % |
|---------------|------------|----------|-------------------------------|
| Permethrin    | 52645-53-1 | 2.0      | 1.0                           |

SARA 311/312 Hazard Categories

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | No  |
| Fire Hazard                       | Yes |
| Sudden release of pressure hazard | Yes |
| Reactive Hazard                   | No  |

CWA (Clean Water Act) This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund

Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations :**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name            | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|--------------------------|------------|---------------|--------------|--------------|----------|
| Supplier Trade Secret    | X          | X             |              |              |          |
| Permethrin<br>52645-53-1 | X          | X             |              | X            | X        |

**16. OTHER INFORMATION**

|             |                         |                       |                          |  |
|-------------|-------------------------|-----------------------|--------------------------|--|
| <b>NFPA</b> | <b>Health Hazards 1</b> | <b>Flammability 4</b> | <b>Instability 0</b>     | <b>Physical and Chemical Hazards -</b> |
| <b>HMIS</b> | <b>Health Hazards 1</b> | <b>Flammability 4</b> | <b>Physical Hazard 0</b> | <b>Personal Protection X</b>           |

**REVISION DATE:      March 16, 2017**