1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Bedlam® Insecticide  
**PRODUCT DESCRIPTION:** An Aerosol Insecticide for Killing Bedbugs, Lice, and Dust Mites.  
**PRODUCT CODE:** 027911, EPA REG. NO.: 1021-1767  
**ACTIVE INGREDIENT(S):** MGK®-264 (N-Octyl Bicycloheptene Dicarboximide); SUMITHRIN® (d-Phenothrin)

**MANUFACTURER**  
McLaughlin Gormley King Company  
8810 10th Avenue North  
Minneapolis, MN 55427  
**Emergency Contact:** SafetyCall®  
**E-Mail:** mgk-sds@mgk.com  
**Emergency Phone:** 1(888) 740-8712  
**Alternate Emergency Phone:** 1(952) 852-9509  
**Service Number:** 1(800) 645-6466

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**FOR TRANSPORTATION:**  
CHEMTREC® U.S. and CANADA: 1(800) 424-9300  
CHEMTREC® All Other Areas: 1(703) 527-3887

**COMMENTS:** MGK® Hours of operation are 8:00 am to 4:30 pm CST, 14:00 to 22:30 GMT.  
For MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day to 1-888-740-8712.

2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

<table>
<thead>
<tr>
<th>Health</th>
<th>Environmental</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity (Inhalation), Category 4</td>
<td>Acute Hazards to the Aquatic Environment, Category 1</td>
</tr>
<tr>
<td>Acute Toxicity (Oral), Category 5</td>
<td></td>
</tr>
</tbody>
</table>

**GHS LABEL**

- Environment (GHS 09)  
  - Exclamation mark (GHS 07)  
  - H400: Very toxic to aquatic life.  
  - Gas cylinder (GHS 04)  
  - H280: Contains gas under pressure; may explode if heated.

**WARNING**

- H332: Harmful if inhaled.  
- H303: May be harmful if swallowed.  
- H313: May be harmful in contact with skin.

**PRECAUTIONARY STATEMENT(S)**

**Prevention:**  
- P202: Do not handle until all safety precautions have been read and understood.
Bedlam® Insecticide

**SAFETY DATA SHEET (GHS)**

**Chemical Name** | **Wt.%** | **CAS** | **EINECS**
--- | --- | --- | ---
MGK®-264 (N-Octyl Bicycloheptene Dicarboximide) | 1.53 | 113-48-4 | 204-029-1
SUMITHRIN® (d-Phenothrin) | 0.4 | 26002-80-2 | 247-404-5
Petroleum Distillates | < 3 | 64742-47-8 | 265-149-8
Liquefied Petroleum Gas | 10 - 15 | 68476-86-8 | 270-705-8

**COMMENTS:** Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

3. **FIRST AID MEASURES**

**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 poison control center or doctor for treatment advice.

**SKIN:** 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.

**INGESTION:** If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give any liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove affected 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.

**NOTES TO PHYSICIAN:** For skin effects, a highly efficient therapeutic agent for pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

5. **FIRE FIGHTING MEASURES**
SAFETY DATA SHEET (GHS)

Bedlam® Insecticide

**FLAMMABLE CLASS:** This aerosol is NOT classified as FLAMMABLE by the flame extension test method described in 16 CFR 1500.45.

**EXTINGUISHING MEDIA:** Foam, carbon dioxide or dry chemical.

**HAZARDOUS COMBUSTION PRODUCTS:** This product is classified as Non-Combustible, however in the extreme temperatures that fires may produce, some of the constituents of this formula may decompose to give off such gases as carbon dioxide, carbon monoxide, and nitrogen oxides.

**EXPLOSION HAZARDS:** Contents under pressure. Exposure to temperatures above 130°F (54.4°C) may cause bursting.

**FIRE FIGHTING PROCEDURES:** Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

**SENSITIVITY TO IMPACT:** Forceful impacts can cause damage to aerosol unit and may cause a bursting or explosion hazard.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

**LARGE SPILL:** Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Contains Pyrethroids, which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and federal/national regulations.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** DO NOT APPLY THIS PRODUCT IN OR ON ELECTRICAL EQUIPMENT DUE TO THE POSSIBILITY OF SHOCK HAZARD. Do not use or store near heat, sparks, open flame, or any other ignition sources.

**HANDLING:** Contents under pressure - DO NOT puncture or incinerate container. Do not use or store near heat, sparks, open flame, or any other ignition sources. Take prudent precautions to avoid contact with skin, eyes, and clothing.

Wear chemical-resistant gloves such as Barrier Laminate, Neoprene Rubber, Nitrile Rubber, or Viton. Wear a long-sleeved shirt and long pants, shoes and socks. Do not contaminate water, feed or food by storage, handling, or disposal.

READ AND OBSERVE ALL PRECAUTIONS AND INSTRUCTIONS ON THE PRODUCT LABEL.

**STORAGE:** Store containers upright and closed. Always store pesticides in the original container. Store away from food and pet-food. Store in areas that are cool, dry, and well-ventilated. **DO NOT expose to temperatures above 130°F (54.4°C), as bursting may occur.** DO NOT use or store near heat, sparks, open flame, near any ignition sources, or near strong acids, bases, and oxidizers. Emptied containers may retain product residues.

KEEP OUT OF REACH OF CHILDREN.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION
SAFETY DATA SHEET (GHS)

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL</th>
<th>ppm</th>
<th>ACGIH TLV</th>
<th>ppm</th>
<th>Supplier OEL</th>
<th>ppm</th>
<th>mg/m³</th>
<th>ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGK®-264 (N-Octyl Bicycloheptene Dicarboximide)</td>
<td>TWA</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUMITHRIN® (d-Phenothrin)</td>
<td>TWA</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petroleum Distillates</td>
<td>TWA</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquefied Petroleum Gas</td>
<td>TWA</td>
<td>1000</td>
<td>1800</td>
<td>1000</td>
<td>1800</td>
<td></td>
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</tr>
</tbody>
</table>

ENGINEERING CONTROLS: Ventilate treatment area thoroughly before re-entry.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Take prudent precautions to avoid contact with eyes.

SKIN: Wear chemical-resistant gloves such as Barrier Laminate, Neoprene Rubber, Nitrile Rubber, or Viton, and wear protective clothing.

PROTECTIVE CLOTHING: Wear a long-sleeved shirt and long pants, shoes and socks.

WORK HYGIENIC PRACTICES: DO NOT SMOKE, EAT, OR DRINK, OR APPLY COSMETICS IN WORK AREA!

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking, or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquefied gases and liquid.

ODOR: Sweet smell.

APPEARANCE: Milky, white liquid.

pH: 7.43

Notes: pH measurement is for the aerosol contents less the compressed gas propellant (i.e., Non-Volatiles).

VAPOR DENSITY: Heavier than air.

FREEZING POINT: Not Determined

SOLUBILITY IN WATER: Partially miscible in water.

Notes: Water Solubility analysis is for the aerosol contents less the compressed gas propellant (i.e., Non-Volatiles).

SPECIFIC GRAVITY: 0.988 (Water = 1) at 20 °C (68 °F)

Notes: Specific Gravity is for the aerosol contents less the compressed gas propellant (i.e., Non-Volatiles).

VISCOSITY #1: 4.83 CPS at 25°C (77 °F) Brookfield on Non-Volatiles

(VOC): < 12.000 %

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No
Bedlam® Insecticide

CONDITIONS TO AVOID: Not compatible with strong acids or bases. Not compatible with strong oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL \(LD_{50}\): > 5000 mg/kg
Notes: Albino rabbit.

ORAL \(LD_{50}\): > 5000 mg/kg
Notes: Albino rat.

INHALATION \(LC_{50}\): > 2.07 mg/L
Notes: Rats exposed for 4 hours to test atmosphere. The Acute Inhalation \(LC_{50}\) of this material places it in EPA Toxic Category IV.

EYE EFFECTS: Irritation cleared within 48 hours for the un-rinsed eye, and within 24 hours for the rinsed eye.

SKIN EFFECTS: Slight irritation at 72 hours. Irritation Index = 2.2

SENSITIZATION: Negative; Not considered to be a dermal sensitizer to albino guinea pigs.

GENERAL COMMENTS: Some of the above toxicity data was bridged from the insecticide concentrate, that is used in manufacturing this end-use product.

COMMENTS: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment, wash water, or rinsate. See the "Directions for Use" on the product label for additional precautions and requirements.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DO NOT puncture or incinerate container!

IF EMPTY:
Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

IF PARTLY FILLED:
Call your local solid waste agency for disposal instructions.

RCRA/EPA WASTE INFORMATION: None of the ingredients in this product appear on the RCRA lists (40 CFR 261.24, 40CFR 251.33) or CERCLA Hazardous Substance list (40 CFR Part 302 Table 302.4)

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: UN1950, Aerosols, Non-flammable, N.O.S.

PRIMARY HAZARD CLASS/DIVISION: 2.2

AIR (ICAO/IATA)
**SAFETY DATA SHEET (GHS)**

**Bedlam® Insecticide**

<table>
<thead>
<tr>
<th>Shipping Name:</th>
<th>UN1950, Aerosols, Non-flammable, N.O.S.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>2.2</td>
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</table>

**Vessel (IMO/IMDG)**

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<td>2.2</td>
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</table>

**Marine Pollutant #1:** d-Phenothrin (SUMITHRIN®)

### 15. REGULATORY INFORMATION

**United States**

**SARA Title III (Superfund Amendments and Reauthorization Act)**

- **Fire:** No
- **Pressure Generating:** Yes
- **Reactivity:** No
- **Acute:** Yes

**313 Reportable Ingredients:** This product contains no SARA Title III Section 313 chemicals that exceed the reporting limits.

**302/304 Emergency Planning**

**Emergency Plan:** There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

There are no components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4) in this formulation.

**TSCA (Toxic Substances Control Act)**

**TSCA Status:** All chemical substances found in this product comply with the Toxic Substances Control Act's inventory reporting requirements.

**Regulations**

**State Regulations:**

**Volatile Organic Compounds (VOC):**

This product contains less than 12% VOC’s.

**FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act): Note:** This chemical is a pesticide product registered by the United States 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 following is the hazard information as required on the pesticide label:

**Caution:** Harmful if absorbed through skin. Avoid contact with skin, eyes, and clothing.

**Personal Protective Equipment (PPE):**

Wear chemical-resistant gloves such as Barrier Laminated, Neoprene Rubber, Nitrile Rubber, or Viton.

Wear a long-sleeved shirt and long pants, shoes and socks.

**Physical or Chemical Hazards:** Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F (54.4 °C) may cause bursting. Do not apply this product around electrical equipment due to the possibility of shock hazard.

### 16. OTHER INFORMATION
REVISION SUMMARY: This MSDS replaces the 5/20/2014 MSDS.

HMIS RATING

| HEALTH  | 1 |
| FLAMMABILITY | 4 |
| PHYSICAL HAZARD | 1 |
| PERSONAL PROTECTION | |

HMIS RATINGS NOTES: We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he or she must ensure that the proper Personal Protective Equipment is provided, consistent with the information contained in Section's 2, 7, and 8 of this MSDS.

COMMENTS: The data contained herein are based on information currently available to McLaughlin Gormley King Company and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which McLaughlin Gormley King Company assumes legal responsibility.

MSDS Prepared by T. Azzivitto