



Specimen Label

KILLS PYRETHROID RESISTANT BED BUGS AND THEIR EGGS.

- Kills Bed Bugs where they hide
- Will not stain water-safe fabrics and surfaces
- For use on mattresses, wood furniture and carpet



**ACTIVE INGREDIENTS:**

3-phenoxybenzyl-(1RS, 3RS, 1RS, 3SR)-2,	
2-dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate .....	0.40%
*N-Octyl bicycloheptene dicarboximide .....	1.00%
Imidacloprid .....	0.05%
OTHER INGREDIENTS .....	98.55%
	<u>100.00%</u>

\*MGK® 264, Insecticide Synergist

**KEEP OUT OF REACH OF CHILDREN**

See inside for precautionary statements.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, pesticide concerns or pesticide incidents), call 1-888-740-8712.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**USE RESTRICTIONS:**

- This product is not for use on humans or animals.
- In hospitals and nursing homes, remove patients from immediate area to be treated. Allow surfaces to dry before reoccupying.
- Do not use in commercial food/feed processing, preparation, food/feed storage or serving areas.
- In the home, all food/feed processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Exposed food/feed should be covered or removed.
- Remove pets, birds and cover fish aquariums before spraying.
- Do not apply to furniture or upholstery where prolonged contact with humans will occur.
- Do not apply to bed linens or other materials that come in direct contact with occupants of the bed.

SHAKE WELL BEFORE EACH USE.

**APPLICATION:** Use as an indoor spot spray or crack and crevice treatment. Spray in an inconspicuous area to test for possible staining. Evaluate test area after drying. Rotate (actuator) nozzle to align with the red dot on the lip of the aerosol can. Hold container upright with nozzle aimed away from you. Depress valve and spray from a distance of 8 to 10 inches. Spray each square foot until damp. Use the straw applicator for crack and crevice treatment. Allow sprayed articles and surfaces to dry thoroughly before using. Do not allow children or pets to contact treated areas until surfaces are dry.

**TO KILL CRAWLING INSECTS:**

Apply as a spot or crack and crevice treatment where insects are harboring, traveling, or breeding. Treat interior entry points such as around windows, doors, and water pipes. Also treat feeding or hiding areas such as baseboards, carpet, floor, rugs, under refrigerators, cabinets, sinks, and stoves.

**TO KILL BED BUGS AND BED BUG EGGS:**

For infested mattresses, remove linens and wash before reuse. Apply to tufts, folds, edges, sides and seams until damp. Allow to dry before reuse. Apply on and around baseboards, carpet, rugs, bed frames, box springs, headboards, wheelchairs, closets, wall hangings, furniture, seats, moldings, picture frames, ceiling, drapes, luggage, and walls. Spray bed bugs and eggs directly whenever possible. Use attached straw applicator for crack and crevice treatments.

**TO KILL BROWN DOG TICKS AND FLEAS:**

Spray on and around beds, furniture and pet's habitat. Spray pet sleeping quarters, bedding, carpeting, floor and floor covering where pets are kept. Use only a recommended pet spray on pets.

**TO KILL DUST MITES:**

Thoroughly vacuum entire room concentrating on areas where mites congregate such as mattresses, box springs, headboards, walls, floors, carpeting, and baseboards. Spray surfaces until damp. Allow to dry before reuse.

**TO KILL CLOTHES MOTHS AND CARPET BEETLES:**

Apply as a spot treatment to cracks and crevices on and around baseboards, floorboards, furniture and around the edges of carpet. Apply to carpet, rugs, closets, baseboards, furniture, on floor and floor coverings. When treating carpets, floor coverings or rugs, spray a sufficient amount to get the spray down into the base where the larval stages are feeding. Spray upper and lower surfaces of rugs or floor covering when possible.

## STORAGE AND DISPOSAL

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

### PESTICIDE STORAGE:

Store in a cool, dry area. Always store pesticides in the original container. Store away from food and pet food.

### PESTICIDE DISPOSAL AND CONTAINER HANDLING:

Do not puncture or incinerate!

Non-refillable container. Do not reuse or refill this container.

If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### USER SAFETY RECOMMENDATIONS

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### 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 may cause bursting. Do not apply this product around electrical equipment due to the possibility of shock hazard.



Federal regulations prohibit  
CFC propellants in aerosols



EPA Reg. No. 1021-2569  
EPA Est. No. 1021-MN-2  
Rev. 0214-1214



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2.5M-0514



# SAFETY DATA SHEET

Issue Date: 30-Oct-2015

Revision Date: 30-Oct-2015

Version: 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name:** Bedlam PLUS®  
**EPA Registration Number:** 1021-2569

### Other means of identification

**Part Code:** 29511

### Recommended use of the chemical and restrictions on use:

**Recommended Use:** A Liquefied Aerosol Insecticide Spray.

### Details of the supplier of the safety data sheet

**Manufacturer Address:** McLaughlin Gormley King Company  
8810 10th Avenue North  
Minneapolis, MN 55427  
**Telephone Number:** (800) 645-6466, or (763) 544-0341  
**e-Mail Address:** mgk-sds@mgk.com

**FAX #:** (763) 544-6437

### Emergency telephone numbers:

**24 Hour TRANSPORTATION Emergency:** CHEMTREC®: (800) 424-9300  
**International:** (703) 527-3887

**24 Hour MEDICAL Emergency:** SafetyCall®: (888) 740-8712, or (952) 852-9509

**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  
(888) 740-8712, or (952) 852-9509.

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status:**

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

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin sensitization	Category 1
Flammable aerosol	Category 2
Gases under pressure	Liquefied gas

### Label elements

#### **Emergency Overview**

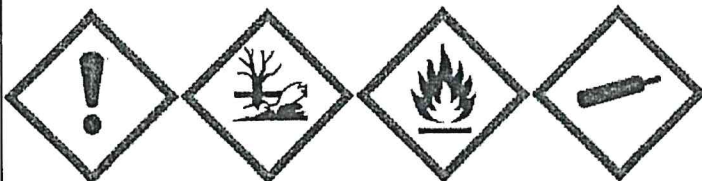
#### **WARNING**

##### **Hazard statements**

- H332 - Harmful if inhaled
- H317 - May cause an allergic skin reaction



- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
- H223 - Flammable aerosol
- H280 - Contains gas under pressure; may explode if heated



**Appearance:** Milky white / Milky yellow (Aerosol Non-volatiles)

**Physical state:** Aerosol - Compressed liquefied gas.

**Odor:** Slight, Sweet - Solvent

**Precautionary Statements - Prevention:**

- P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P211 - Do not spray on an open flame or other ignition source
- P251 - Pressurized container: Do not pierce or burn, even after use
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
- P271 - Use only outdoors or in a well-ventilated area
- P272 - Contaminated work clothing should not be allowed out of the workplace
- P280 - Wear protective gloves

**Precautionary Statements - Response:**

- P321 - Specific treatment (see Section 4/ First Aid).
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
- P363 - Wash contaminated clothing before reuse
- P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell

**Precautionary Statements - Storage:**

- P410 + P403 - Protect from sunlight. Store in a well-ventilated place
- P411 - Do not expose to temperatures exceeding 122 °F (50 °C)

**Precautionary Statements - Disposal:**

- P501 - Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC):**

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
d-Phenothrin (SUMITHRIN®)	26002-80-2	0.40
MGK®-264 Insecticide Synergist (n-Octyl bicycloheptene dicarboximide)	113-48-4	1.00
Imidacloprid	138261-41-3	0.05
Isobutane	75-28-5	5<—>15 *

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

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

#### 4. FIRST AID MEASURES

**Aspiration pneumonia hazard:** • No information available

**Description of first aid measures:**

**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.

**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.

**Ingestion:** If swallowed, IMMEDIATELY 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 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.

**Self-protection of the First Responder:** Remove all sources of ignition. Use personal protective equipment as required.

**Note to physicians:** For skin effects, a highly efficient therapeutic agent for Pyrethrin/ Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

#### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:**

Caution: Use of water spray when fighting fire may be inefficient.

**Hazardous combustion products:** Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

**Specific hazards arising from the chemical**

No information available.

**Explosion data**

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** None.

**Protective equipment and precautions for firefighters:**

In the event of fire and/or explosion do not breathe fumes.

<b><u>NFPA</u></b>	Health hazards 2	Flammability 4	Instability 0	<b>Physical and Chemical Properties</b>
				*
<b><u>HMS</u></b>	Health hazards 1 *	Flammability 4	Physical hazards 0	<b>Personal protection</b>
				X

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- Personal precautions:** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Keep people away from and upwind of spill/leak. Use personal protective equipment as required.
- Environmental precautions:** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional ecological information.

### Methods and material for containment and cleaning up

- Methods for containment:** Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.
- Methods for cleaning up:** Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

- Advice on safe handling:** Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. For more information, see product label.

### Conditions for safe storage, including any incompatibilities

- Storage Conditions:** Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. For more information, see product label.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### Control parameters

- Exposure Guidelines:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Supplier OEL
Isobutane 75-28-5	STEL: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>	-

NIOSH IDLH *Immediately Dangerous to Life or Health*

### Appropriate engineering controls



VOC Content (%): 12.9

**Miscibility/ Solubility:**

**Water:** Partially miscible  
**Alcohol** Partially miscible  
**Aromatic solvents:** Partially miscible  
**Petroleum distillates:** Partially miscible

## 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**

Heat, flames and sparks.

**Incompatible materials:**

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

**Hazardous Decomposition Products**

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

**Numerical measures of toxicity - Product Information**

**Oral LD<sub>50</sub>** >5,000 mg/kg (rat)  
**Dermal LD<sub>50</sub>** >5,000 mg/kg (rabbit)  
**Inhalation LC<sub>50</sub>** >2.09 mg/L (rat; 4 hours)  
**Eye contact:** Non-irritating to eyes. (rabbit).  
**Skin Contact:** Slightly irritating. (rabbit).  
**Skin Irritation Index:** 0.8

**Sensitization:** Positive. (guinea pig).

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

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Reproductive toxicity:** No information available.  
**Developmental Toxicity** No information available.  
**Teratogenicity:** No information available.  
**STOT - single exposure:** No information available.  
**STOT - repeated exposure:** No information available.  
**Chronic toxicity:** Avoid repeated exposure.  
**Target Organ Effects:** Central nervous system.



## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

Chemical Name	Partition coefficient; n-Octanol/ Water:
d-Phenothrin (SUMITHRIN®) 26002-80-2	6.8
Isobutane 75-28-5	2.88

Other adverse effects: No information available

### Environmental hazards (EPA):

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Disposal of wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations. For more information, see product label.

**Contaminated packaging:** For more information, see product label.

## 14. TRANSPORT INFORMATION

### DOT (Department of Transportation)

UN/ID Number: UN1950  
 Proper Shipping Name: Aerosols, non-flammable  
 Hazard Class: 2.2

### Air (IATA/ ICAO)

UN/ID Number: UN1950  
 Proper Shipping Name: Aerosols, non-flammable  
 Hazard Class: 2.2

### Vessel (IMO/ IMDG)

UN/ID Number: UN1950  
 Proper Shipping Name: Aerosols, non-flammable  
 Hazard Class: 2.2

## 15. REGULATORY INFORMATION

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard****Categories**

Acute health hazard	No
Chronic Health Hazard	Yes
Fire hazard	No
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. EPA Label Information:**

EPA Registration Number: 1021-2569

**Difference between SDS and EPA (FIFRA) Pesticide label:**

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 (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use. The hazard information required on the pesticide label is reproduced below:

**Precautionary Statements:**

- Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**International:**

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Complies
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

**Legend:****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION.****Issue Date:**  
30-Oct-2015**Revision Date:**  
30-Oct-2015**Revision Note:**  
- New SDS.  
- GHS - Classification.**SDS Prepared By:**  
e-Mail Address:Troy Azzivitto, MGK® Chemistry Department.  
mgk-sds@mgk.com**Disclaimer:**

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.

**End of Safety Data Sheet.**