



Specimen Label

KILLS BED BUGS, LICE & DUST MITES™

- Kills Bed Bugs and their eggs
- For indoor use in the home and non-food areas of restaurants, schools, nursing homes, warehouses, offices, apartments, hotels, motels, kennels, and hospitals
- Will not stain water-safe fabrics and surfaces
- Kills Bed Bugs on wood, ceramic surfaces and carpet for up to 2 weeks
- Reduces Bed Bug egg hatch in both susceptible and some resistant strains of Bed Bug eggs

ACTIVE INGREDIENTS:

3-phenoxybenzyl-(1RS, 3RS, 1S, 3SR)-2, 2-dimethyl-	
3-(2-methylprop-1-enyl) cyclopropanecarboxylate	0.40%
N-Octyl bicycloheptene dicarboximide.....	1.53%
OTHER INGREDIENTS	98.07%
	100.00%



KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside for first aid and precautionary statements.

DIRECTIONS FOR USE

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

USE RESTRICTIONS:

- Do not apply this product in a manner that will contact workers or other persons either directly or through drift
- Only protected handlers may be in the area during application
- Remove pets, birds, and cover fish aquariums before spraying, and turn aquarium systems off
- Do not allow adults, children, or pets to enter the treated area until sprays have dried. Do not use treated article until spray has dried
- Do not use in aircraft cabins
- In hospitals and nursing homes, remove patients before treatment. Ventilate room for two hours before returning patients
- Do not apply more than 1 time per day

THIS PRODUCT IS NOT FOR USE ON HUMANS:

If lice infestation should occur on humans, use a product labeled for use on humans.

Do not use in commercial food/feed processing, preparation, food/feed storage or serving areas. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use. Remove or cover exposed food and drinking water before application.

SHAKE WELL BEFORE EACH USE.

APPLICATION: Spray in an inconspicuous area to test for possible staining or discoloration. Evaluate test area after drying. 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 for 5 seconds or until damp. Do not wet articles to the point of run-off or drip. Most effective results are achieved when used as part of a treatment protocol that includes physical, environmental and other chemical pest control measures. Vacate room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry. Allow sprayed articles and surfaces to dry thoroughly before using or replacing bedding.

TO KILL LICE:

Spray only those garments, parts of bedding, including mattresses and furniture that cannot be either laundered or dry-cleaned.

TO KILL TICKS AND FLEAS:

Spray around beds, furniture and pet's habitat. Spray pet sleeping quarters, bedding, 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. Then spray surfaces until damp.

TO KILL BED BUGS AND BED BUG EGGS:

Apply as a spot treatment to cracks and crevices on and around baseboards, floorboards, bed frames, wall hangings, headboards, furniture, door and window frames, millwork and walls. Apply as a surface spray to carpet, mattresses, box springs, walls, furniture, bedding, floor and floor coverings, rugs, garments, luggage, closets, drapes and other window appointments. Thoroughly clean and air-out mattresses and box springs. Then treat areas that may harbor Bed Bugs and their eggs, such as tufts, folds and seams. When treating for Bed Bug eggs, spray each square foot for 13 seconds or until damp.

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 as a surface spray 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

CAUTION

Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear the following:

- Long sleeved shirt
- Long pants
- Shoes and socks, and
- Chemical resistant gloves made of any waterproof material.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.

USER SAFETY RECOMMENDATIONS

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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 Directions for Use for additional precautions and requirements.

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.

FIRST AID

IF ON SKIN OR CLOTHING:

- 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.

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.



Federal regulations prohibit
CFC propellants in aerosols



EPA Reg. No. 1021-1767
EPA Est. No. 1021-MN-2
1011-1211



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8810 Tenth Avenue North, Minneapolis, MN 55427

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MATERIAL SAFETY DATA SHEET



McLaughlin Gormley King Company

PRODUCT CODE: 027911

Bedlam[®] Insecticide

1 of 2

11/4/2008

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT CODE:	027911, EPA REG. NO. : 1021-1767		
PRODUCT NAME:	Bedlam [®] Insecticide		
PRODUCT DESCRIPTION:	An Aerosol Insecticide for Killing Bedbugs, Lice, and Dust Mites.		
CHEMICAL NAME:	Mixture		
MANUFACTURER:	McLaughlin Gormley King Company, 8810 Tenth Avenue North, Minneapolis MN. 55427		
TELEPHONE M-F, 8:00-4:30 CST, 14:00-22:30GMT:	(800) 645-6466 or (763) 544-0341		
MSDS & Product Information, 8:00-4:30 CST, 14:00-22:30 GMT:	(800) 645-6466 or (763) 544-0341		
CHEMTREC U.S. and CANADA:	(800)-424-9300	CHEMTREC (ALL OTHER AREAS):	(703) 527-3887
FOR INFORMATION REGARDING MEDICAL EMERGENCIES OR PESTICIDE INCIDENTS CALL THE INTERNATIONAL POISON CENTER AT: 1-888-740-8712 in U.S and CANADA or 952-852-9509 from all other areas			

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS: EMERGENCY OVERVIEW

CAUTION. Contents under pressure. Do not use or store near heat, sparks, open flame, or any other ignition sources. Harmful if absorbed through the skin. Avoid contact with skin, eyes, and clothing. Do not expose to temperatures above 130°F (54.4°C) as bursting may occur.

Do not puncture or incinerate container.

DO NOT APPLY THIS PRODUCT IN OR ON ELECTRICAL EQUIPMENT DUE TO THE POSSIBILITY OF SHOCK HAZARD.

EYES:	May cause temporary irritation, tearing, and blurred vision.
SKIN:	Can cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).
SKIN ABSORPTION:	Harmful if absorbed through the skin.
INGESTION:	May be harmful if swallowed.
INHALATION:	Excessive inhalation of mists can cause nasal and respiratory irritation.
CHRONIC EFFECTS:	None known.
CARCINOGENICITY:	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.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT(s)	CAS #	EXPOSURE LIMITS	SARA Title III Sec. 313 de minimus conc.	% BY WEIGHT
MGK [®] -264	000051-03-6	Not established	Not Applicable	1.60
SUMITHRIN [®]	026002-80-2	Not established	1.00	0.40
Petroleum Distillates, hydrotreated light	064742-47-8	100ppm (525 mg/m ³) TWA	Not Applicable	< 3
Petroleum Gases, Liquefied	068476-85-7	1000 ppm (1800 mg / m ³) TWA (OSHA, NIOSH, ACGIH)	Not Applicable	10←→15
PEL = Permissible Exposure Limits. TLV = Threshold Limit Value.		TWA = Time Weighted Average (8 hr). STEL = Short Term Exposure Limit (15 min.).		
COMMENTS: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.				

4. FIRST-AID MEASURES

FIRST AID PROCEDURES:

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.
INHALATION:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
INGESTION:	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 doctor. Never give anything by mouth to an unconscious person.
NOTE TO PHYSICIANS:	For skin effects, a highly efficient therapeutic agent for Pyrethroid exposure is topical application of Tocopherol Acetate (Vitamin E).

24 HOUR EMERGENCY PHONE (CHEMTREC):

(800)-424-9300

(ALL OTHER AREAS):

(703) 527-3887

MATERIAL SAFETY DATA SHEET



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Bedlam® Insecticide

2 of 2

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5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: > 200 °F/ > 93.3 °C **METHOD:** TAG Closed Cup
 This aerosol is NOT classified as FLAMMABLE by the Flame-Extension Test Method described in 16 CFR 1500.45.

LOWER FLAMMABLE LIMIT: not established. **UPPER FLAMMABLE LIMIT:** not established.
AUTOIGNITION TEMPERATURE: not established.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions this product may support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

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

FIRE FIGHTING INSTRUCTIONS: Treat as an oil fire. Keep personnel removed and upwind of fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water spray. Contain the run-off, if possible, for proper disposal.

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.

WASTE DISPOSAL METHOD: Contaminated absorbent and wash water should be disposed of according to local, state, and federal regulations.

RCRA/ CERCLA HAZARDOUS WASTE:

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

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: Take prudent precautions to avoid contact with skin, eyes, and clothing. Do not contaminate water, food or feedstuffs by storage, handling or disposal. Read and observe all precautions and instructions on the label.

STORAGE: Store containers upright and closed. Store in areas that are cool, dry and well-ventilated. Keep away from heat, open flame, ignition sources, and strong oxidizers. Emptied containers may retain product residues.
 KEEP OUT OF REACH OF CHILDREN.

WORK HYGIENIC PRACTICES: DO NOT SMOKE, EAT, 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 and using the toilet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: Not established by OSHA or ACGIH (see Section 2 for individual components).

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

RESPIRATORY PROTECTION: Not required.

SKIN PROTECTION: Take prudent precautions to avoid contact with skin and clothing.

EYE PROTECTION: Take prudent precautions to avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Milky, opaque white liquid.

ODOR: Sweet smell

PHYSICAL STATE: Liquefied gases and liquid.

VAPOR PRESSURE: Not available

VAPOR DENSITY: Heavier than air.

BOILING POINT: Not available

VOC: <12%

MELTING POINT: Not available

SOLUBILITY IN WATER: Partially miscible in water (Non-Volatiles).

SPECIFIC GRAVITY: 0.988 @ 20°C (68°F) (Non-Volatiles)

COLOR, (GARDNER): Not available

pH: 7.43 (Non-Volatiles)

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

REFRACTIVE INDEX: Not available

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

INCOMPATIBILITY: Strong acidic or alkaline materials.

HAZARDOUS DECOMPOSITION PRODUCTS: NO, NO₂, CO, CO₂ gases **HAZARDOUS POLYMERIZATION:** Will not occur.

11. OTHER INFORMATION

HMIS RATINGS:

We assign HMIS ratings to this product based on the hazards of its ingredient(s). Since the customer is most aware of the applications and conditions of use, he must ensure that the proper personal protective equipment is provided consistent with information contained in Section's 7 and 8 of this MSDS.

HMIS RATINGS:
 Health 1
 Flammability 4
 Reactivity 1

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.

Material Safety Data Sheet prepared by T. Azzivitto