Cardinal Food Plant 5-1 Insecticide

- INTENDED TO BE APPLIED ONLY BY OR UNDER THE SUPERVISION OF PEST CONTROL OPERATORS AND OTHER TRAINED PERSONNEL RESPONSIBLE FOR INSECT CONTROL PROGRAMS
- WHEN USED AS A SPACE OR AREA OR CONTACT TREATMENT, CAN ONLY BE APPLIED IN ENCLOSED AREAS
- DEPENDENT UPON PESTS TO BE CONTROLLED AND THE AREA TO BE TREATED, MAY BE APPLIED THROUGH MECHANICAL AEROSOL GENERATORS (ULV) AS WELL AS CONVENTIONAL FOGGING OR SPRAYING EQUIPMENT

**ACTIVE INGREDIENTS:**
- Pyrethrins ................................................................. 1.0%
- Piperonyl Butoxide* ...................................................... 5.0%

**OTHER INGREDIENTS:** .......................................................... 94.0%

**TOTAL** ................................................................................. 100.0%

*(butylcarbityl) (6-propylpiperonyl) ether and related compounds

**Contains petroleum distillates**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID**

**IF SWALLOWED:**
- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

**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.

**IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lens, if present, after the first 5 minutes; then continue rinsing eye.
- 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. You may also contact 1-800-424-9300 for emergency medical treatment information.

**NOTE TO PHYSICIAN:**
- Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

[See label pamphlet for additional Precautionary Statements and complete Directions for Use.]

Net Contents: □ 2.5 Gallons
□ 5.0 Gallons
□ 55 Gallons

Produced for:
CARDINAL PROFESSIONAL PRODUCTS
8100 Arroyo Circle • Gilroy • CA 95020
(800) 548-2223

EPA Reg. No. 8536-35
EPA Est. 11220-CA-8
(Date of Labeling: March 9, 2017)
TREATMENT OF STORED FOOD AREAS: Use in mid-season or post-harvest stages of food pests and in terminal moth stages of food pests. Treat walls, rafters, ceilings, fans, vents, signs, and other obstructions at a rate of 1 gallon per 1,000 square feet of room space. Repeat application as necessary for insect control. Leave the treated areas closed for one hour. Do not store treated areas for at least 24 hours after treatment.

TREATMENT OF STORED GRAIN: Mix 13 ounces of Cardinal Food Plant 5-1 Insecticide with sufficient oil to equal 1 gallon of diluted spray. Apply at the rate of 1-2 fluid ounces per 1,000 cubic feet of room space. Leave the treated areas closed for one hour. Do not store treated areas for at least 24 hours after treatment. If the flow begins to drip, hold the container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for at least 1 minute. Repeat the rinsing procedure. Rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse equipment and application equipment as necessary. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

PESTICIDE DISPOSAL: For use in mechanical fogging or spraying equipment. To control accessible stages of Flies, Fruit Flies, Meal Moth, Mediterranean Flour Moth, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Yellow Mealworms. Do not apply directly to food. Close room and shut off air conditioning or ventilating equipment. Apply to the surface of binned grain at a rate of 1 gallon per 1,000 square feet. Apply at monthly intervals with the first application in mid-season or post-harvest stages of food pests and in terminal moth stages of food pests. Treat walls, rafters, ceilings, fans, vents, signs, and other obstructions at a rate of 1 gallon per 1,000 square feet of room space. Repeat application as necessary for insect control. Leave the treated areas closed for one hour. Do not store treated areas for at least 24 hours after treatment. If the flow begins to drip, hold the container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for at least 1 minute. Repeat the rinsing procedure. Rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse equipment and application equipment as necessary. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

STATEMENT OF WARRANTY AND LIABILITY

Seller warrants that this product complies with the specifications expressed in this label. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SELLER MAKES NO OTHER WARRANTIES AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SELLER MAKES NO OTHER WARRANTIES AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. To the extent consistent with applicable law, seller shall have no liability for consequential damages.
**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

- **Masks, loaders, applicators, and other handlers must use the following:**
  - Respirator: Any approved particulate respirator with any R or P filter with NIOSH approval prefix TC-84A, or a NIOSH-approved powered air-purifying respirator with an organic vapor cartridge and combination HE filter with NIOSH approval prefix TC-23C.
  - Gas mask: Any approved gas mask with an organic vapor canister with NIOSH approval prefix TC-14G.
  - Chemical-resistant gloves (such as Barrier Laminate, Nitrile or Neoprene Rubber, or Viton, selection category E).
  - Long-sleeved shirt.
  - Long pants.

- **In addition to the above PPE, applicators using hand-held foggers in an enclosed area must wear a half-face, full-face, or hood-style**
  - Respirator immediately after pesticide gets inside. Wash thoroughly and put on clean clothing.

**CLOTHING:**

- In hospitals, patients must be removed from room prior to treatment. Room must be ventilated for two hours after spraying.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.
- Remove pets and birds, and cover fish aquariums before application.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- Do not remain in the treated area until applications have dispersed, and the treated area has been thoroughly ventilated.
- Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- Do not remain in the treated area until applications have dispersed, and the treated area has been thoroughly ventilated.

**FIRST AID**

- **IF ON SKIN OR CLOTHING:**
  - Take off contaminated clothing and wash skin with soap and water.
  - Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

- **IF IN EYES:**
  - Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-222-1222 (in the United States).

- **IF SWALLOWED:**
  - Call a poison control center or doctor for treatment advice.

**USER SAFETY RECOMMENDATIONS**

- **CONTAINMENT:**
  - Contain petroleum distillates. Vending may cause aspiration.

**FIRST AID**

- **IF ON SKIN OR CLOTHING:**
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  - Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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