



TECHNICAL DATA SHEET

Product Name: ZAP, Wasp and Hornet Killer

Product Number: MARC 111

Description: Drops Wasps, Hornets & Yellow Jackets instantly. Kills with residual action as Wasps & Hornets return to nest. Jet spray will reach nests up to 20 feet above ground. Contains synergist piperonyl butoxide, permethrin & tetramethrin. Dielectric breakage voltage of 47,300 volts. Can be used both indoors (attics and other places where nests are built) and outdoors on Wasp & Hornet nests (Note: It is a violation of federal law to use this product in a manner inconsistent with it's labeling. See product label copy for specific information.)

Health Hazard Data: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not use in commercial food/feed handling establishments, restaurants or other sites where food/feed is commercially prepared or processed. Not for use in federally inspected meat and poultry plants **IF IN EYES:** Flush with plenty of water. Call a physician if irritation persists. This product is toxic to fish and aquatic invertebrates. Do not apply directly to water. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. **KEEP OUT OF THE REACH OF CHILDREN!**

Spill Or Leakage Procedures: Do not flush to sewer. Absorb with suitable material and dispose of according to local, state and federal regulations. Aerosol cans, when vented to atmospheric pressure through normal use, pose no disposal hazard.

Product Specifications:

| | |
|--------------------------|---|
| Wt./20 oz. Can: | 13.5 ounces (383 grams) |
| Equivalent to: | 15.7 Fluid Ounces |
| EPA Reg. No: | 10807-196-12204 |
| Active Ingredients: | Tetramethrin: 0.10%; Permethrin: 0.25%; Piperonyl Butoxide, Technical: 0.50% |
| Classification: | Aerosol Wasp & Hornet Killer |
| General Appearance: | Jet Stream Spray |
| Color: | Colorless |
| Odor: | Petroleum Distillate |
| pH: | N/A |
| Vapor Pressure At 70° F: | 85 - 100 psig |
| Spray Pattern: | Blast Stream |
| Flammability: | Not flammable per CPSC Flame Projection Test |
| NFPA Code 30B: | Level 3 |

MID-AMERICAN RESEARCH CHEMICAL CORP.

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TECHNICAL DATA SHEET (CON'T)

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Product Number: MARC 111

Features:

- * Use Indoors or Outdoors
- * Residual Action Up to 4 Weeks
- * Shoots a Stream 20 Feet
- * Dielectric to over 47KV
- * Nonflammable, Nonchlorinated
- * Contains No Ozone Depleters

Demonstration: ZAP is the ideal wasp and hornet spray developed without chlorinated solvents or ozone depleters. This nonflammable formula contains two synthetic pyrethroids one for knockdown and one for residual killing action up to four weeks! Effective both indoors and out, the powerful wide stream easily blasts up to 20 feet. In addition, the product is non-conductive to 47,000 volts. 20 ounce can.

Markets: Condos, apartments, municipal accounts (cities, utility co's, power plants, tree trimming co's, and any and all electric co's).

Demonstration: Spray Pattern Demo:

1. Place a paper ball into an empty waste basket. Aim product into can away from anything important and discharge. Note how powerful spray blasts out ball and how quickly product evaporates. Also note can recoil.
2. Place a cardboard target (3' X 3') at one end of the room. Stand 10 to 12 feet from target, aim and blast. Note 12-gauge blast versus stream of competition.

Live Demo:

1. Find a wasp or bee nest and spray from 10 to 12 feet away. Notice the 12 gauge blast not a .22 caliber pencil stream. The wasps are dead before they hit the ground.
2. Nonconductive and Nonflammable. Spray electrical outlet to show this.

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