



# Got pests...get Revenge Wasp & Hornet Foam

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Got pests...get Revenge Wasp & Hornet Foam  
Product code : 102117809086

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Insecticide

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

Bonide Products, Llc  
6301 Sutliff Road  
Oriskany, NY 13424  
Telephone Number: (315) 736-8231  
Comment: Bonide hours of operation are 8:00 a.m. to 4:30 p.m EST.  
Website: [www.bonide.com](http://www.bonide.com)  
Email address: [sales@bonide.com](mailto:sales@bonide.com)

#### 1.4. Emergency telephone numbers (24 hour)

Medical : SafetyCall - (833) 972-1101  
Spills : CHEMTREC - 1 (800) 424-9300 and/or 1 (703) 527-3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

|   |      |      |
|---|------|------|
| Flammable aerosol 2                         | H223 |      |
| Gases under pressure                        | H280 |      |
| Skin corrosion/irritation 2                 |      | H315 |
| Acute toxicity - Inhalation 3               |      | H331 |
| Acute hazard to aquatic environment         |      | H401 |
| Long term hazard to the aquatic environment |      | H411 |

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H223 - Flammable aerosol  
H280 - Contains gas under pressure; may explode if heated  
H315 - Causes skin irritation  
H331 - Harmful if inhaled  
H401 - Very toxic to aquatic life  
H411 - Very toxic to aquatic life with long lasting effects

Precautionary statements (GHS-US) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 - Wash hands thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302 + P352 - IF ON SKIN: Wash with plenty of water.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P316 - Get emergency medical help immediately.  
P321 - Specific treatment (see on this label).  
P332 - If skin irritation occurs: Get medical help.  
P362 + P364 - Take off contaminated clothing and wash it before reuse.  
P391 - Collect spillage.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

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P405 - Store locked up.  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 - Dispose of contents/container to in accordance with regional/national regulations.

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### Mixture

| Name                     | Product identifier (CAS No) | %      |
|--------------------------|-----------------------------|--------|
| Tetramethrin             | 7696-12-0                   | 0.2    |
| d-Phenothrin (Sumithrin) | 26002-80-2                  | 0.2    |
| Propane                  | 74-98-6                     | 1 - 5* |
| Isobutane                | 75-28-5                     | 1 - 5* |

\*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.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|  |   |
|--|---|
| First-aid measures general             | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).   |
| First-aid measures after inhalation    | : Assure fresh air for breathing. Allow the person to rest. Call a poison control center or doctor for treatment advice. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. |
| First-aid measures after skin contact  | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Call a poison control center or doctor for treatment advice.  |
| First-aid measures after eye contact   | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.  |
| First-aid measures after ingestion     | : Do not give any liquid to the person. Do NOT induce vomiting. Call a physician or poison control center immediately.  |
| Self-protection of the First Responder | : Remove all sources of ignition. Use personal protective equipment as required.  |

### 4.2. Most important symptoms and effects, both acute and delayed

No information available

### 4.3. Indication of any immediate medical attention and special treatment needed

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide.   |
| Unsuitable extinguishing media | : Do not use a heavy water stream. Caution: Use of water spray when fighting fire may be inefficient. |

### 5.2. Special hazards arising from the substance or mixture

|                  |   |
|------------------|---|
| Fire hazard      | : Combustible liquid.                             |
| Explosion hazard | : May form flammable/explosive vapor-air mixture. |

### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Do not breathe fumes.   |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

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Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Keep away from ignition sources. - No smoking.  
Precautions for 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. 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.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.  
Storage conditions : Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Heat sources.

## SECTION 8: Exposure controls/personal protection

### 8.1. 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 |
|----------------------|----------------|--|--|--------------|
| Propane<br>74-98-6   | TWA: 1000 ppm  | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup> | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup> | -            |
| Isobutane<br>75-28-5 | STEL: 1000 ppm | -  | TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup>                    | -            |

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Information:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

Engineering Controls: Safety showers, Eyewash stations, Ventilation systems

### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.  
Hand protection : Wear protective gloves and clothing.  
Eye protection : Chemical goggles or safety glasses.  
Respiratory protection : Wear approved mask.  
Other information : When using, do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Aerosol - Compressed liquefied gas  
Appearance : Milky white - Milky yellow (Aerosol Non-volatiles)  
Color : Milky

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|   |   |
|---|---|
| Odor  | : Odorless  |
| Odor threshold                              | : No data available   |
| pH  | : 7.5 - Test was performed on aerosol Non-Volatile's                                  |
| Relative evaporation rate (butyl acetate=1) | : No data available   |
| Melting point                               | : No data available   |
| Freezing point                              | : No data available   |
| Boiling point                               | : No data available   |
| Flash point                                 | : > 93.3 °C / > 200.0 °F Tag Closed Cup; Test was performed on aerosol Non-Volatile's |
| Self ignition temperature                   | : No data available   |
| Decomposition temperature                   | : No data available   |
| Flammability (solid, gas)                   | : No data available   |
| Vapor pressure                              | : No data available   |
| Density                                     | : 0.999 g/cm <sup>3</sup> (Aerosol Non-volatiles)                                     |
| Solubility                                  | : Partially miscible in water.  |
| Log Pow                                     | : No data available   |
| Log Kow                                     | : No data available   |
| Viscosity, kinematic                        | : No data available   |
| Viscosity, dynamic                          | : 5.42 cPs @ 20.0°C Test was performed on aerosol Non-Volatile's                      |
| Explosive properties                        | : No data available   |
| Oxidizing properties                        | : No data available   |
| Explosive limits                            | : No data available   |

### 9.2. Other information

VOC Content (%) - 10.0

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing. Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

Extremely high or low temperatures. Overheating. Heat. Flame. Sparks.

### 10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agents.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. May release flammable gases.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Oral LD50 >5,000 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rabbit)

Inhalation LC50 >0.6 mg/ L, but <2.02 mg/ L (rat; 4 hours)

Eye contact: Irritation clearing in 24 hours. (rabbit).

Skin Contact: Moderate irritation at 72 hours. (rabbit).

Skin Irritation Index: 2.9

Sensitization: Negative. (guinea pig).

Comment: Toxicology data was bridged from a similar formula.

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.

Target Organ Effects: Central nervous system.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

No information available

#### 12.2. Persistence and degradability

No information available

#### 12.3. Bioaccumulative potential

| Chemical Name                        | Partition coefficient; n-Octanol/ Water: |
|--------------------------------------|--|
| d-Phenothrin (SUMITHRIN®) 26002-80-2 | 6.8                                      |
| Propane 74-98-6                      | 2.3                                      |
| Isobutane 75-28-5                    | 2.88                                     |

#### 12.4. Mobility in soil

Not established.

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

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.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Handle empty containers with care because residual vapors are flammable.

Ecology - waste materials : Avoid release to the environment.

### SECTION 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

### SECTION 15: Regulatory information

This chemical is a pesticide product registered by the 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. Following is the hazard information as required on the pesticide label:

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear long sleeved shirt, long pants, shoes, socks, and chemical resistant gloves.

#### 15.1. 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                       | Yes |
| Sudden release of pressure hazard | Yes |
| Reactive Hazard                   | No  |

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### 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.

### 15.2. US State regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

## SECTION 16: Other information

Other information : None.

SDS US (GHS HazCom 2012) - Pesticides

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*