SAFETY DATA SHEET
BUZ-AWF™
Wasp and hornet spray

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Product Name
Buz-Awf™

Product Codes
84390

Chemical Family
Organic

Use
Pesticide

Manufacturer’s Name
The RectorSeal Corporation
2601 Spenwick Drive
Houston, Texas 77055 USA

Date of Validation
January 23, 2015

Date of Preparation
March 12, 2013

HMIS Codes
Health 2
Flammability 1
Reactivity 0
PPI B

Emergency Telephone No.
Chemtrec 24 Hours
(800)-424-9300 USA
(703)-527-3887 International

Technical Service Telephone No.
(800)-231-3345 or (713)-263-8001

SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Physical Hazards
None

Health Hazards
Acute Toxicity
Oral: Not Classified
Dermal: Not Classified
Inhalation: Not Classified
Skin Corrosion/Irritation: Not Classified
Serious Eye Damage/Eye Irritation: Not Classified
Respiratory or Skin Sensitization: Not Classified
Germ Cell Mutagenicity: Not Classified
Carcinogenicity: Not Classified
Reproductive Toxicology: Not Classified
Target Organ Systemic Toxicity - Single Exposure: Not Classified
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified

Aspiration Toxicity: Not Classified

GHS Label elements, including precautionary statements

GHS04: Compressed Gas
GHS07: Harmful/Irritant
Signal Word: Warning

Hazard Statements
H303 - May be harmful if swallowed.
H313 - May be harmful in contact with skin.
H335 + H336 - May cause respiratory irritation, and drowsiness or dizziness.

Precautionary Statements
P102 - Keep out of reach of children.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P362 - Take off contaminated clothing and wash before reuse.

EUH066 - Repeated exposure may cause skin dryness or cracking
Precautionary Statements - EU No. 1272/2008

Summary Of Acute Hazards
Repeated inhalation may cause dizziness, nausea and CNS effects. May cause severe eye and skin irritation.

Route Of Exposure, Signs And Symptoms

INHALATION
Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

EYE CONTACT
Contact with eyes may cause severe irritation.

SKIN CONTACT
Irritation and drying.

INGESTION
May cause irritation of the digestive tract. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.
### Section 3 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage By Weight</th>
<th>CAS Number</th>
<th>EINEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillate</td>
<td>&lt; 94</td>
<td>64742-47-8</td>
<td>265-149-8</td>
</tr>
<tr>
<td>Tetramethrin</td>
<td>0.1</td>
<td>7696-12-0</td>
<td>231-711-6</td>
</tr>
<tr>
<td>Pyrethrins</td>
<td>0.25</td>
<td>8003-34-7</td>
<td>232-319-8</td>
</tr>
<tr>
<td>Piperonyl Butoxide</td>
<td>0.5</td>
<td>51-03-6</td>
<td>200-076-7</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>5.15</td>
<td>124-38-9</td>
<td>204-696-9</td>
</tr>
</tbody>
</table>

### Summary of Chronic Hazards
Skin irritation, contact dermatitis, and defatting.

### Medical Conditions Aggravated by Exposure
Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

### Section 4 – First Aid Measures

- **If inhaled:** If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.
- **If on skin:** Immediately wash with soap and water. Remove and wash any contaminated clothing.
- **If in eyes:** Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.
- **If swallowed:** If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media
Foam, dry chemical, CO₂, or water fog.

Special Fire Fighting Procedures: Wear self-contained full face piece breathing apparatus and full body protective clothing. Hazardous decomposition products possible (see Section 10). Evacuate area. Dike area as run-off may create additional environmental contamination.

Unusual Fire And Explosion Hazards: Aerosol cans are under pressure—exposure to temperatures above 120°F (49°C) can cause bursting or "rocketing" of cans.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Use absorbent materials to prevent footing hazard and to contain. Ventilate area with forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

SECTION 7 – HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storing: Shake well before using. Keep away from heat and open flames. Prolonged exposure to direct sunshine or storage above 120°F (49°C) may cause can to burst. Do not puncture or incinerate can.

Other Precautions: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillate</td>
<td></td>
</tr>
<tr>
<td>ACGIH TLV:</td>
<td>100 ppm</td>
</tr>
<tr>
<td>OSHA PEL:</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Tetramethrin</td>
<td></td>
</tr>
<tr>
<td>ACGIH TLV:</td>
<td>15 mg/m³</td>
</tr>
<tr>
<td>OSHA PEL:</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Pyrethrins</td>
<td></td>
</tr>
<tr>
<td>ACGIH TLV:</td>
<td>N/D</td>
</tr>
<tr>
<td>OSHA PEL:</td>
<td>N/D</td>
</tr>
</tbody>
</table>
Section 9 – Physical and Chemical Properties

**Piperonyl Butoxide**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point</td>
<td>&gt; 252°F (122°C) @ 760 mmHg</td>
</tr>
<tr>
<td>Specific gravity (H2O = 1)</td>
<td>0.80</td>
</tr>
<tr>
<td>Vapor pressure (mmHg)</td>
<td>N/D</td>
</tr>
<tr>
<td>Melting point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Evaporation rate (Ethyl Acetate = 1):</td>
<td>2</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Amber Liquid/Petroleum Odor</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Volatile Organic Compounds (VOC) Content (theoretical percentage by weight):</td>
<td>94% or (752 g/L)</td>
</tr>
<tr>
<td>Flash point</td>
<td>150°F (66°C)</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>N/D</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>N/D</td>
</tr>
<tr>
<td>Aerosol flame extension</td>
<td>Negative</td>
</tr>
<tr>
<td>NFPA Aerosol Level</td>
<td>1</td>
</tr>
</tbody>
</table>

**Carbon Dioxide**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point</td>
<td>5,000 ppm</td>
</tr>
<tr>
<td>Specific gravity (H2O = 1)</td>
<td>0.80</td>
</tr>
<tr>
<td>Vapor pressure (mmHg)</td>
<td>N/D</td>
</tr>
<tr>
<td>Melting point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Evaporation rate (Ethyl Acetate = 1):</td>
<td>2</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Amber Liquid/Petroleum Odor</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
</tr>
</tbody>
</table>

**Respiratory Protection (Specify Type):** In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirator.

**Ventilation – Local Exhaust:** Acceptable

**Special:** N/A

**Mechanical (General):** Acceptable

**Other:** N/A

**Protective Gloves:** Wear rubber gloves.

**Eye Protection:** Safety glasses (ANSI Z-87.1 or equivalent)

**Other Protective Clothing Or Equipment:** Chemical resistant coveralls recommended.

**Work/Hygienic Practices:** Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.
Section 10 – Stability and Reactivity

Stability: Stable

Conditions To Avoid: Do not store in temperatures above 120°F (49°C).

Incompatibility (Materials To Avoid): Oxidizers, acids and bases.

Hazardous Decomposition Products: CO, CO₂, and fragmented hydrocarbons.

Hazardous Polymerization: Will not occur.

Section 11 – Toxicology Information

Chronic Health Hazards

No ingredient in this product is an IARC, NTP or OSHA Lister carcinogen.

Toxicology Data

Ingredient Name

Petroleum Distillate
  Oral-Rat LD50: N/D
  Inhalation-Rat LC50: N/D

Tetramethrin
  Oral-Rat LD50: N/D
  Inhalation-Rat LC50: N/D

Pyrethrins
  Oral-Rat LD50: N/D
  Inhalation-Rat LC50: N/D

Piperonyl Butoxide
  Oral-Rat LD50: N/D
  Inhalation-Rat LC50: N/D

Carbon Dioxide
  Oral-Rat LD50: N/D
  Inhalation-Rat TCLo: 6 pph/24h (10D preg)

Section 12 – Ecological Information

Ecological Data

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Petroleum Distillate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Chain Concentration Potential</td>
<td>N/D</td>
</tr>
<tr>
<td>Waterfowl Toxicity</td>
<td>N/D</td>
</tr>
<tr>
<td>BOD</td>
<td>N/D</td>
</tr>
<tr>
<td>Aquatic Toxicity</td>
<td>N/D</td>
</tr>
</tbody>
</table>
Ingredient Name: **Tetramethrin**

- **Food Chain Concentration Potential:** N/D
- **Waterfowl Toxicity:** N/D
- **BOD:** N/D
- **Aquatic Toxicity:** N/D

Ingredient Name: **Pyrethrins**

- **Food Chain Concentration Potential:** N/D
- **Waterfowl Toxicity:** N/D
- **BOD:** N/D
- **Aquatic Toxicity:** N/D

Ingredient Name: **Piperonyl Butoxide**

- **Food Chain Concentration Potential:** N/D
- **Waterfowl Toxicity:** N/D
- **BOD:** N/D
- **Aquatic Toxicity:** N/D

Ingredient Name: **Carbon Dioxide**

- **Food Chain Concentration Potential:** N/D
- **Waterfowl Toxicity:** Inhalation 5 – 8%
- **BOD:** N/D
- **Aquatic Toxicity:** 100 – 200 mg/L /various organisms

**Section 13 – Disposal Considerations**

**Waste Classification:** Aerosols

**Disposal Method:** Empty containers can be disposed of in trash. Full containers should be depressurized to separate liquid phase. Dispose of all liquid waste in accordance with all local, state and federal regulations.

**Section 14 – Transportation Information**

- **DOT:** Consumer Commodity, ORM-D
- **Ocean (IMDG):** UN1950, Aerosols, 2, Ltd Qty or Limited Quantity, EmS No. F-D, S-U
- **Air (IATA):** UN1950, Aerosols, 2.2, ERG#126
Section 15 – Regulatory Information

Regulatory Data

Ingredient Name: Petroleum Distillate
  SARA 313 No
  TSCA Inventory Yes
  CERCLA RQ N/A
  RCRA Code N/A

Ingredient Name: Tetramethrin
  SARA 313 Yes
  TSCA Inventory Yes
  CERCLA RQ N/A
  RCRA Code N/A

Ingredient Name: Pyrethrins
  SARA 313 Yes
  TSCA Inventory Yes
  CERCLA RQ 1 lb.
  RCRA Code N/A

Ingredient Name: Piperonyl Butoxide
  SARA 313 Yes
  TSCA Inventory Yes
  CERCLA RQ N/A
  RCRA Code N/A

Ingredient Name: Carbon Dioxide
  SARA 313 No
  TSCA Inventory Yes
  CERCLA RQ N/A
  RCRA Code N/A

Section 16 – Other Information

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made.

Consult RectorSeal for further information: (713) 263-8001