



## 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

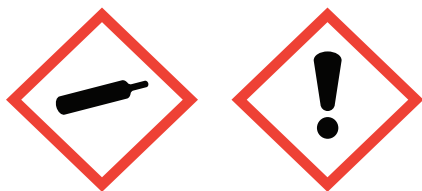
Carcinogenicity: Not Classified

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.

## 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 3 – COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredient:** Petroleum Distillate

Percentage By Weight: < 94

CAS Number: 64742-47-8

EINEC: 265-149-8

**Ingredient:** Tetramethrin

Percentage By Weight: 0.1

CAS Number: 7696-12-0

EINEC: 231-711-6

**Ingredient:** Pyrethrins

Percentage By Weight: 0.25

CAS Number: 8003-34-7

EINEC: 232-319-8

**Ingredient:** Piperonyl Butoxide

Percentage By Weight: 0.5

CAS Number: 51-03-6

EINEC: 200-076-7

**Ingredient:** Carbon Dioxide

Percentage By Weight: 5.15

CAS Number: 124-38-9

EINEC: 204-696-9

## 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, CO<sub>2</sub>, 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

Ingredient	Units
<b>Petroleum Distillate</b>	
ACGIH TLV:	100 ppm
OSHA PEL:	100 ppm
<b>Tetramethrin</b>	
ACGIH TLV:	15 mg/m3
OSHA PEL:	10 mg/m3
<b>Pyrethrins</b>	
ACGIH TLV:	N/D
OSHA PEL:	N/D

**Piperonyl Butoxide**

ACGIH TLV: N/D  
 OSHA PEL: N/D

**Carbon Dioxide**

ACGIH TLV: 5,000 ppm  
 OSHA PEL: 5,000 ppm  
 OSHA STEL: 30,000 ppm

**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 9 – PHYSICAL AND CHEMICAL PROPERTIES

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

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, CO<sub>2</sub>, 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**

Ingredient Name:	<b>Petroleum Distillate</b>
Food Chain Concentration Potential	N/D
Waterfowl Toxicity	N/D
BOD	N/D
Aquatic Toxicity	N/D

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