

# Sweetwater Authority

## New Product Hazard Review

Before purchase or receipt of any material, a Material Safety Data Sheet (MSDS) and information provided by the Requestor must be reviewed by Safety Department. Attach Material Safety Data Sheet to this form.

Requestor's use			
1.	Requestor <u>Steve Parker</u>	Phone <u>619-992-7898</u>	
	Department <u>Water Quality</u>	Date of Request <u>6/22/08</u>	
	Date needed by <u>ASAP</u>	(allow 2-3 weeks for review)	
2.	Manufacturer <u>Whitmire Micro-Gen</u>	Phone <u>800-777-8570</u>	
	Manufacturer address <u>3568 Tree Court Industrial Blvd. St. Louis, Missouri 63122-6682</u>		
3.	Distributor <u>Univar</u>	Phone <u>619-262-0711</u>	
4.	Product <u>Wasp Freeze</u>	Container size <u>18 oz.</u>	
	Where product will be stored	<u>Pesticide Storage Bldg. (Perdue)</u>	
	Name of person/department using new product	<u>Steve Parker / Water Quality</u>	
	Describe how this product will be used	<u>Removal of nesting bees</u>	
5.	Is the product sole sourced?	<input type="checkbox"/> yes	<input type="checkbox"/> no
	If yes, justify why only this product can be used		
6.	Will this product be used for		
	<input type="checkbox"/> Regular use/consumption	Quantity needed (monthly)	<u>2-3 times per year</u>
	<input type="checkbox"/> One time only	Quantity needed (oz/lb/gal)	<u>18 oz.</u>
	<input checked="" type="checkbox"/> Evaluation only		
7.	Chemical selected to replace existing chemical	<input type="checkbox"/> yes	<input type="checkbox"/> no
	If yes, name chemical it will replace		
	What process?		
8.	Mark the box that best describes the product		
	<input type="checkbox"/> Water treatment	<input type="checkbox"/> Fungicide	<input type="checkbox"/> Heating
	<input type="checkbox"/> Adhesive	<input checked="" type="checkbox"/> Insecticide	<input type="checkbox"/> Lubricant
	<input type="checkbox"/> Sealer	<input type="checkbox"/> Herbicide	<input type="checkbox"/> Coolant
	<input type="checkbox"/> Fabrication	<input type="checkbox"/> Pesticide	<input type="checkbox"/> Catalyst
	<input type="checkbox"/> Road maintenance	<input type="checkbox"/> Fertilizer	<input type="checkbox"/> Oil treatment
	<input type="checkbox"/> Abrasive blasting	<input type="checkbox"/> Fuel	<input type="checkbox"/> additive
	<input type="checkbox"/> Battery/electrolyte	<input type="checkbox"/> other	<input type="checkbox"/> Cleaning
			<input type="checkbox"/> Welding/soldering
			<input type="checkbox"/> Drafting aid
			<input type="checkbox"/> Painting
			<input type="checkbox"/> stripper
			<input type="checkbox"/> Fire protection
	Signature <u>Steve Parker</u>	Date <u>6/22/08</u>	

Product Approved  yes  no

Comments (restrictions, training, proper use):

Follow instructions regarding the Environmental Hazards

Safety Officer Dan Bamber

Date 7-7-08

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

## Prescription Treatment® brand WASP-FREEZE® Wasp & Hornet Killer Formula 1

### EMERGENCY PHONE NUMBERS:

**MEDICAL:** 800-225-3320 (Prosar)

**TRANSPORTATION:** 800-424-9300 (Chemtrec)

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Prescription Treatment® brand WASP-FREEZE®  
Wasp & Hornet Killer Formula 1  
**EPA Reg. No.:** 499-362  
**Product Code(s):** 02-0518 (12 x 17.5 oz)  
**EPA Signal Word:** CAUTION  
**Distributed by:** Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682

### SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### COMPOSITION INFORMATION

ACTIVE INGREDIENTS (0.249%)	%	CAS NO.
d-trans Allethrin	0.129	28057-48-9
Phenothrin	0.120	26002-80-2

#### OTHER INGREDIENTS\* (99.751%)

Petroleum Distillate	> 10.0	64742-47-8
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\* All ingredients may not be listed. Ingredients not listed do not meet the reporting requirements of the OSHA Hazard Communication Standard (HCS) as specified in 29 CFR 1910.1200.

#### EXPOSURE INFORMATION

MATERIAL	OSHA PEL		ACGIH TLV	
	STEL	TWA	STEL	TWA
d-trans Allethrin	NE	NE	NE	NE
Phenothrin	NE	NE	NE	NE
Petroleum Distillate*	NE	500 ppm	NE	NE

\* TWA recommended by ingredient supplier = 166 ppm

### SECTION 3. HAZARDS IDENTIFICATION

#### NOTES TO PHYSICIAN

Contains petroleum distillate – vomiting may cause aspiration pneumonia.

#### SIGNS/SYMPTOMS OF EXPOSURE

May cause eye irritation. Prolonged exposure may cause skin irritation and dermatitis. High concentrations of the petroleum distillate (> 1,000 ppm) may cause headache and dizziness, are anesthetic, and may have other central nervous system effects. When used according to label directions, this level will not be attained.

#### ROUTES OF ENTRY

**Primary:** Skin      **Secondary:** Inhalation      **Tertiary:** Ingestion

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame may result in carbon dioxide.

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

### SECTION 4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor or going for treatment. Describe any symptoms and follow the advice given.

**Ingestion:** 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.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. Call a poison control center or doctor for treatment advice.

**Eye Contact:** Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Note to Physician:** Contains petroleum distillate – vomiting may cause aspiration pneumonia.

**Medical Conditions Generally Aggravated by Exposure:** None known

**Emergency Telephone Number of Prosar:** 800-225-3320 (for medical emergencies)

### SECTION 5. FIRE FIGHTING MEASURES

#### FIRE AND EXPLOSION

**Flash Point (TCC):** 144°F

**Flame Projection:** NE

**Explosibility Limits of Propellant in Air (% by volume):**

Lower (LEL) = NE      Upper (UEL) = NE

**NFPA 30B Flammability:** Level III Aerosol

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

#### IN CASE OF FIRE

**Extinguisher Media:** CO<sub>2</sub>, Dry Chemical, Foam

**Special Fire Fighting Procedures:** None required

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### IN CASE OF SPILL OR LEAK

If container begins to leak (through puncture, etc.), eliminate all ignition sources and allow to discharge completely in well ventilated area, then dispose of as directed below. This product contains no Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) listed chemicals. Releases of this product are NOT reportable to the National Response Center.

**Emergency Telephone Number of Chemtrec:** 800-424-9300 (for transportation spills)

#### PROTECTIVE EQUIPMENT FOR CLEANUP PERSONNEL

**Eyes:** Use proper protection – safety glasses are recommended.

**Skin:** Wear chemical-resistant gloves. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

**Inhalation:** Use of a respirator may be appropriate when working with spills in enclosed or confined spaces, or when prolonged exposure to product vapor or spray mist may occur. When using a respirator, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter. See 29 CFR 1910.134 for respiratory protection, training and testing requirements.

#### WASTE DISPOSAL METHOD

Do not contaminate water, food or feed by storage or disposal of wastes. Take full or leaking containers to a local disposal company for biological treatment or incineration. Review all local, state and federal regulations concerning health and pollution to determine approved disposal procedures. NEVER PLACE WASTES DOWN ANY INDOOR OR OUTDOOR DRAIN OR SEWER.

### SECTION 7. HANDLING AND STORAGE

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. **CAUTION** – Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

#### PHYSICAL OR CHEMICAL HAZARDS

**Flammable.** 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. May cause staining (darkening) of asphalt surfaces and shingles.

#### STORAGE

Do not contaminate water, food or feed. Store in a cool, dry area away from heat or open flame and inaccessible to children.

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Respiratory Protection:** None required when used according to label directions.

**Protective Gloves:** Chemical-resistant gloves are recommended if prolonged or repeated skin contact is likely. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

**Eye Protection:** Use proper protection – safety glasses are recommended.

**Other Protective Equipment:** None required

#### VENTILATION

**Local Exhaust:** None required

**Mechanical:** None required

**Special:** None required

**Other:** None required

# MATERIAL SAFETY DATA SHEET

## Prescription Treatment® brand WASP-FREEZE® Wasp & Hornet Killer Formula 1

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Pale yellow color  
**Solubility in Water:** Negligible  
**Viscosity:** NE  
**Boiling Point:** NE  
**pH:** NE  
**Odor:** Solvent odor  
**Vapor Pressure:** 100 psig @ 70°F  
**Vapor Density:** NE  
**Freezing/Melting Point:** NE  
**Density:** 0.80 g/cm<sup>3</sup> @ 68°F (conc.)

### SECTION 10. STABILITY AND REACTIVITY

#### REACTIVITY

**Stability:** Indefinite when used according to label directions.  
**Conditions to Avoid:** Avoid excess heat (temperatures above 130°F), open flame, sparks and heated surfaces.  
**Incompatibility (Material to Avoid):** None known  
**Hazardous Polymerization:** Will not occur

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame may result in carbon dioxide.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### ROUTES OF ENTRY

**Primary:** Skin      **Secondary:** Inhalation      **Tertiary:** Ingestion

#### ACUTE

**Eyes:** Product produced slight irritation.  
**Skin:** Product produced moderate irritation clearing within 14 days. Acute dermal LD<sub>50</sub> > 2,000 mg/kg (rabbits). Primary skin irritation index = 4.46. Product is not a dermal sensitizer when tested on guinea pigs.  
**Ingestion:** Acute oral LD<sub>50</sub> > 5,000 mg/kg (rats).  
**Inhalation:** Unlikely due to product being pressurized and producing particles large enough not to be respirable.

#### CHRONIC / CARCINOGENICITY

Neither this product nor any of its ingredients are classified as carcinogens by the National Toxicity Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

### SECTION 12. ECOLOGICAL INFORMATION

This product is toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

### SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal of container or waste. Dispose of container and waste in accordance with all federal, state and local regulations.

**Container Disposal:** Do not puncture or incinerate! Empty container by using the product according to the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency for disposal instructions.

**Waste Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### SECTION 14. TRANSPORT INFORMATION

#### SHIPMENT BY GROUND WITHIN U.S. (DOT CLASSIFICATION)

**Proper Shipping Description:** Consumer Commodity ORM-D  
**Package Marking:** Consumer Commodity ORM-D  
**Package Labeling:** None required  
**Certified Packaging:** None required

Product in unopened original packaging is compliant with all regulations for ground shipment within the U.S. WMG disclaims any liability for claims or damages that may result from shipment by other means. Packages offered or intended for other modes of transportation are subject to additional requirements. Consult an appropriately trained shipping professional before offering for shipment by water or air.

### SECTION 15. REGULATORY INFORMATION

#### CERCLA

This product contains no CERCLA listed chemicals.

#### SARA TITLE III SECTION 311/312 HAZARD CLASS

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate (Acute) Health Hazard  
Fire Hazard  
Release of Pressure (Puncture) Hazard

#### SARA TITLE III SECTION 313 CHEMICALS

This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

#### TSCA

All components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

### SECTION 16. OTHER INFORMATION

#### NFPA HEALTH RATING INFORMATION

HEALTH - 1      FLAMMABILITY - 1      REACTIVITY - 1

#### HMIS HAZARD RATING SYSTEM

HEALTH - 1      FLAMMABILITY - 1      REACTIVITY - 1

KEY:	4 = Severe
	3 = High
	2 = Moderate
	1 = Slight
	0 = Minimal

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. For automatic MSDS updates, register at [www.wmmg.com](http://www.wmmg.com).

Questions concerning the safe handling of the product should be referred to the Whitmire Micro-Gen Customer Service Department at 800-777-8570.

NA - Not Applicable  
NE - Not Established  
PEL - Permissible Exposure Limit  
TLV - Threshold Limit Value  
STEL - Short Term Exposure Limit (15 min)  
TWA - Time Weighted Average (8 hr)



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.

Part No. 19-0712-04  
Effective Date: 05/15/07  
Review Date: 05/15/07  
Supersedes: 06/02/04  
Text ID: 070625-4  
Code #: 143-063

# Prescription Treatment<sup>®</sup> brand **WASP-FREEZE<sup>®</sup>**

## Wasp & Hornet Killer

Formula 1

**KILLS ON CONTACT FROM 15 FEET AWAY**

**For Outdoor Use Only**

**KILLS:**

Bees, Hornets, Spiders, Yellowjackets and Wasps

**ACTIVE INGREDIENTS:**

d-trans Allethrin ..... 0.129%  
Phenothrin ..... 0.120%

**OTHER INGREDIENTS:**

..... 99.751%  
**TOTAL: 100.000%**

Contains petroleum distillate.

EPA Reg. No. 499-362

**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 eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further 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 call 1-800-225-3320 for emergency medical treatment information

**NOTE TO PHYSICIAN:** Contains petroleum distillate - vomiting may cause aspiration pneumonia.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed, inhaled, or if absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is highly toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

**PHYSICAL HAZARDS**

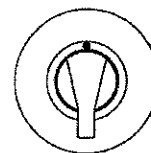
**Flammable.** Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. May cause staining (darkening) of asphalt surfaces and shingles.

**DIRECTIONS FOR USE**

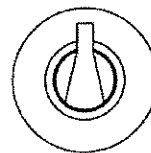
**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.**

For optimum performance in overhead treatments, align the actuator opening with the mark on valve cup. When treating in a downward direction, align the actuator opening directly opposite the mark on valve cup.

Spray Downwards



Spray Upwards



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.

**NOTE:** This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information. For automatic specimen label updates, register at [www.wmng.com](http://www.wmng.com).



## WASP-FREEZE® Wasp & Hornet Killer Formula 1

**WASPS AND HORNETS:** Hold container in upright position to treat. Stand safe distance, 6 - 15 feet from nest and not directly underneath. Align actuator opening with the mark on valve cup. Aim actuator opening toward nest. Treat nest until thoroughly wet. Wasps and hornets on nest should be contacted with spray when possible. Best time of day to treat is in evening or early morning, since wasps and hornets congregate on or in nest at night. Do not apply to pets or contaminate food, foodstuffs, dishes or utensils. For outdoor use only.

To prevent dying insects from falling on skin and clothing, avoid standing directly under nest being treated.

**YELLOWJACKETS AND BEES:** Locate underground nest. Align actuator opening directly opposite the mark on valve cup. Depress actuator and treat, with a sweeping motion, any stimulated or stirred-up insects around nest opening. Afterwards, move forward to nest opening and apply liquid for 6 - 8 seconds directly into nest hole. This will suffocate bees and yellowjackets in nest; other bees and yellowjackets trying to return to nest will be repelled and will fly around and away harmlessly.

**SPIDERS, INCLUDING BLACK WIDOW AND BROWN RECLUSE:** Apply spray directly onto spiders and web.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store in a cool area away from heat or open flame.

**CONTAINER DISPOSAL:** Do not puncture or incinerate! Empty container by using the product according to the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency or call 1-800-CLEANUP for disposal instructions.

### INDUSTRIAL SPECIFICATIONS

**Flash Point (TCC):** 144°F

**Dielectric (cup test with electrodes 1/10" apart):** No breakdown up to 49,300 volts.

**Arcing (spray test electrodes 12" apart):** No arcing at 35,000 volts.

Tested on Polyethylene, Polycarbonate, Noryl®, ABS-T and ABS-SB4500 plastics with no damage.

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.



**A Prescription Treatment® brand insecticide from:**

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

[www.wmmg.com](http://www.wmmg.com)

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**NOTE:** This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information. For automatic specimen label updates, register at [www.wmmg.com](http://www.wmmg.com).

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