

# MATERIAL SAFETY DATA SHEET

## AMBUSH INSECTICIDE & REPELLENT

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### 1. Product and Company Identification

**Product Code:** 270-294-AMBUSH  
**Product Name:** AMBUSH INSECTICIDE & REPELLENT  
**Manufacturer Information**  
**Company Name:** Distributed by:  
Farnam Companies, Inc.  
301 West Osborn Road  
Phoenix, AZ  
**Emergency Contact:** CHEMTREC (800)424-9300  
**Alternate Emergency Contact:** District of Columbia (202)483-0414  
**Information:** Farnam Companies, Inc. (800)234-2269  
**Chemical Family:** compound  
**Additional Identity Information**  
100505364 32-oz

### 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. Pyrethrins and Pyrethroids	8003-34-7	0.05 %	No data.	No data.
2. Piperonyl butoxide	51-03-6	0.5 %	No data.	No data.
3. Permethrin	52645-53-1	0.1 %	No data.	No data.

### 3. Hazards Identification

#### Emergency Overview

KEEP OUT OF REACH OF CHILDREN

**Route(s) of Entry:** Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes

#### Potential Health Effects (Acute and Chronic)

No data available.

#### LD 50 / LC 50

oral>5g/kg; dermal>2g/kg; LC50 >3.55mg/l

#### Signs and Symptoms Of Exposure

None known

#### Medical Conditions Generally Aggravated By Exposure

None known

### 4. First Aid Measures

#### Emergency and First Aid Procedures

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye 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 eye. 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 mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

IF ON SKIN: 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.

## 5. Fire Fighting Measures

**Flash Pt:** 150.00 F  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Autoignition Pt:** NA

### Fire Fighting Instructions

None

### Flammable Properties and Hazards

None known

### Hazardous Combustion Products

None known

### Extinguishing Media

Not combustible over 97% water

### Unsuitable Extinguishing Media

None known

## 6. Accidental Release Measures

### Steps To Be Taken In Case Material Is Released Or Spilled

Soak up with absorbent material such as sand or sawdust and discard with chemical waste.

## 7. Handling and Storage

### Precautions To Be Taken in Handling

Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Harmful if swallowed.

### Precautions To Be Taken in Storing

Store in a cool, dry place. Do not store near heat or open flame.

## 8. Exposure Controls/Personal Protection

### Respiratory Equipment (Specify Type)

none usually

### Eye Protection

none

### Protective Gloves

none

### Other Protective Clothing

none

### Engineering Controls (Ventilation etc.)

Local Exhaust: sufficient

Special:

Mechanical (Gen):

Other:

### Work/Hygienic/Maintenance Practices

Wash hands before eating, smoking or using restroom.

## 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Melting Point:** NA  
**Boiling Point:** 100.00 C  
**Autoignition Pt:** NA  
**Flash Pt:** 150.00 F

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**Explosive Limits:** LEL: No data. UEL: No data.  
**Specific Gravity (Water = 1):** 1.002 at 25.0 C  
**Density:** NA  
**Bulk density:** NA  
**Vapor Pressure (vs. Air or mm Hg):** NA  
**Vapor Density (vs. Air = 1):** NA  
**Evaporation Rate (vs Butyl Acetate=1):** NA  
**Solubility in Water:** NA  
**Solubility Notes**  
soluble  
**Percent Volatile:** No data.  
**Saturated Vapor Concentration:** NA  
**Viscosity:** NA  
**Heat Value:** NA  
**Particle Size:** NA  
**Corrosion Rate:** NA  
**pH:** 7.0

### Appearance and Odor

Light amber to clear, slight oily with citronella scent.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

### Conditions To Avoid - Instability

No data available.

### Incompatibility - Materials To Avoid

No data available.

### Hazardous Decomposition Or Byproducts

None known

**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]

### Conditions To Avoid - Hazardous Polymerization

No data available.

## 11. Toxicological Information

Not available

### Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Pyrethrins and Pyrethroids	8003-34-7	n.a.	n.a.	A4	n.a.
2. Piperonyl butoxide	51-03-6	n.a.	n.a.	n.a.	n.a.
3. Permethrin	52645-53-1	n.a.	n.a.	n.a.	n.a.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

## 12. Ecological Information

This product is extremely toxic to fish. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

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**13. Disposal Considerations**

**Waste Disposal Method**

If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**14. Transport Information**

**LAND TRANSPORT (US DOT)**

<b>DOT Proper Shipping Name</b>	Not regulated as hazardous by U.S. DOT.
<b>DOT Hazard Label:</b>	None

**15. Regulatory Information**

No data available.

**16. Other Information**

**Company Policy or Disclaimer**

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.