

# SAFETY DATA SHEET



## Avenger Products, LLC

Issuing Date: 23 March 2021

Revision Date: 23 March 2021

Revision Number: 2

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product Identifier

Product Name **Avenger Insect Killer**

#### Other Means of Identification

Synonyms KIT032

#### Recommended use of the Chemical and Restrictions on Use

Recommended Use Insecticide - Aerosol

Uses advised against No information available

#### Details of the Supplier of the Safety Data Sheet

Supplier Name Avenger Products, LLC

Supplier Address 3057 Summer Oak Place  
Buford, GA 30518

Supplier Phone Number Phone: (678) 546-5009

Supplier Email BethK@avengerorganics.com

Emergency Telephone Number Info Trac Chemical Response System  
1-800-535-5053 (USA / Canada - 24 hours)

### 2. HAZARDS IDENTIFICATION

#### Classification:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)


#### Physical Hazards:

Flammable aerosols	Category 2
Gases under pressure	Compressed gas

#### Health Hazards:

Skin sensitization	Category 1
Serious eye damage / eye irritation	Category 2

**GHS Label Elements, Including Precautionary Statements****Emergency Overview**

Signal word	Warning	
<b>Hazard Statements</b> Cause serious eye irritation May cause an allergic skin reaction Flammable aerosol Contains Gases Under Pressure; May explode if heated		
		
<b>Appearance:</b> Clear, Colorless	<b>Physical State:</b> Liquid spray Aerosol	<b>Odor:</b> slight alcoholic, almost odorless

**Precautionary Statements – Prevention:**

Avoid breathing dust/fume/gas/mist/vapors/spray  
 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Pressurized container: Do not pierce or burn, even after use  
 Do not spray on an open flame or other ignition source  
 Contaminated work clothing should not be allowed out of the workplace.  
 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements – Response:**

Specific treatment (see supplemental first aid instructions on this label)  
 Wash contaminated clothing before reuse.

**Skin:**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation or rash occurs: Get medical advice/attention

**Inhalation:**

IF INHALED: Move exposed person to fresh air and keep at rest in a position comfortable for breathing

**Eyes:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
 IF eye irritation persists: Get medical advice/attention.

**Precautionary Statements – Storage:**

Store in a well-ventilated place. Keep container tightly closed  
 Store locked up  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements – Disposal:**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC):**

No data available

**Unknown Toxicity:**

No data available

**Other Information:**

May cause mild skin irritation  
 Repeated or prolonged skin contact may cause allergic reactions with susceptible persons  
 PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

Specific data regarding toxicity to fish and other aquatic organisms is not available for this product. Care should always be taken to prevent insecticides from entering aquifers.

**Interactions with Other Chemicals:**

Irritants. Sensitizers. Epoxies.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
2-phenethyl propionate	122-70-3	0.1	-
proprietary blend of solvents and hydrocarbon propellant	-	-	To 100%

### 4. FIRST AID MEASURES

**First Aid Measures****General Advice:**

Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician.

**Eye Contact:**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. If symptoms persist, call a physician

**Skin Contact:**

Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician. May cause an allergic skin reaction.

**Inhalation:**

Remove to fresh air.

**Ingestion:**

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

**Self-Protection of the First-Aider:**

Ensure that medical personnel are aware of the material(s) involved.

**Most Important Symptoms and Effects, Both Acute and Delayed**

Burning sensation. Itching. Rashes. Hives.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Notes to Physician:**

Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

**Unsuitable Extinguishing Media**

CAUTION: Use of water spray when fighting fire may be inefficient. Do not use dry chemical extinguishers to control fires involving nitromethane or nitroethane. Do not use straight streams.

**Specific Hazards Arising from the Chemical**

Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

**Uniform Fire Code**                      Aerosols: Level 3

**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact**      No.

**Sensitivity to Static Discharge**        Yes.

**Protective Equipment and Precautions for Firefighters**

Move containers from fire area if you can do it without risk.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions:**                      ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

**Other Information:**                              Water spray may reduce vapor; but may not prevent ignition in closed spaces.

**Environmental Precautions**

**Environmental Precautions:**                Refer to protective measures listed in Sections 7 and 8.

**Methods and Material for Containment and Cleaning up**

**Methods for Containment:**                      A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

**Methods for Cleaning Up:**                      Use clean non-sparking tools to collect absorbed material.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Avoid contact with eyes. Keep away from open flames, hot surfaces and sources of ignition.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products:** Strong oxidizing agents. Acids. Chlorinated compounds.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

#### Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
---------------	-----------	----------	------------

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health*

Material	Source	Type	ppm	mg/m <sup>3</sup>
Petroleum gases, liquified	EH40 WEL	TWA	1,000	1,750
	EH40 WEL	STEL	1,250	2,180
	ACGIH	TWA	1,000	

**Other Exposure Guidelines:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

### Appropriate Engineering Controls

**Engineering Measures:** Showers, Eyewash stations, Ventilation systems

### Individual Protection Measures, Such as Personal Protective Equipment

**Eye/Face Protection:** None required for consumer use. If splashes are likely to occur: Tight sealing safety goggles.

**Skin and Body Protection:** Not required for consumer use. Wear protective gloves and protective clothing is recommended.

**Respiratory Protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical State</b>	Liquid spray Aerosol	<b>Odor</b>	Citrus
<b>Appearance</b>	Colorless	<b>Odor Threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
<b>pH</b>	N/A	None known
<b>Melting / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash Point</b>	27.5°C (81.5°F)	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	Extremely flammable	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific Gravity</b>	0.8 g/mL	None known
<b>Water Solubility</b>	No data available	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	

### Other Information

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	14%
<b>Particle Size</b>	Not applicable
<b>Particle Size Distribution</b>	Not applicable

## 10. STABILITY AND REACTIVITY

### **Reactivity**

No data available.

### **Chemical Stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

None under normal processing.

### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### **Conditions to Avoid**

Heat, flames and sparks.

### **Incompatible Materials**

Strong oxidizing agents. Acids. Chlorinated compounds.

### **Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### **Information on Likely Routes of Exposure**

<b>Product Information:</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation:</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye Contact:</b>	Specific test data for the substance or mixture is not available. Irritating to eyes. Expected to be an irritant based on components. May cause redness, itching, and pain. May cause temporary eye irritation.
<b>Skin Contact:</b>	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
<b>Ingestion:</b>	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### **Component Information:**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50

### **Information on Toxicological Effects**

**Symptoms:** May cause redness and tearing of the eyes. Itching. Rashes. Hives.

### **Delayed and Immediate Effects as Well as Chronic Effects from Short and Long-Term Exposure**

**Sensitization:** May cause sensitization of susceptible persons. May cause sensitization by skin contact. May cause sensitization by inhalation.

**Mutagenic Effects:** No information available.

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA

*IARC (International Agency for Research on Cancer)*

*Group 3 - Not Classifiable as to Carcinogenicity in Humans*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

**Reproductive Toxicity:** No information available.

**STOT - single exposure:** No information available.

**STOT - repeated exposure:** No information available.

**Chronic Toxicity:** No known effect based on information supplied.

**Target Organ Effects:** Eyes. Skin. Respiratory system. Blood. Kidney. Liver. Spleen. Systemic Toxicity.

**Aspiration Hazard:** No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Specific data regarding toxicity to fish and other aquatic organisms is not available for this product. Care should always be taken to prevent insecticides from entering aquifers.

### Persistence and Degradability

No information available.

### Bioaccumulation

None expected

### Other Adverse Effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

**Disposal Methods:** This material, as supplied, is considered a hazardous waste according to Federal regulations (40 CFR 261). If this product becomes a waste, it would be expected to meet the criteria of a RCRA ignitable hazardous waste (D001). However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Do not puncture or incinerate containers, even empty. Dispose in accordance with federal, state, and local regulations.

**Contaminated Packaging:** Dispose of contents/containers in accordance with local regulations.

**US EPA Waste Number:** D001

**California Hazardous Waste Codes:** 232

## 14. TRANSPORT INFORMATION



**DOT (Ground)**

Proper Shipping Name      Aerosols, flammable  
UN Number                   UN1950  
Hazard Class                 2.1  
Packing Group                NONE

**IATA (Air)**

Proper Shipping Name      Aerosols, flammable  
UN Number                   UN1950  
Hazard Class                 2.1  
Packing Group                NONE

**IMCD Marine**

Proper Shipping Name      Aerosols, flammable  
UN Number                   UN1950  
Hazard Class                 2.1  
Packing Group                NONE

**15. REGULATORY INFORMATION**

This SDS is prepared to meet the requirements of OSHA and the GHS, and may contain precautionary statements and signal words that are different than or in addition to the pesticide label, which is regulated through the US EPA under Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA").

**International Inventories**

TSCA                                Complies  
DSL                                  All components are listed either on the DSL or NDSDL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSDL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %

**SARA 311/312 Hazard Categories**

Acute Health Hazard                                Yes  
Chronic Health Hazard                              No  
Fire Hazard    Yes  
Sudden release of pressure hazard                Yes

**Reactive Hazard**

No

**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

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois

**International Regulations**

**Mexico**

**National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits

*Mexico - Occupational Exposure Limits - Carcinogens*

**Canada**

**WHMIS Hazard Class**

- A - Compressed gases
- B5 - Flammable aerosol
- D2B - Toxic materials



**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards 1</b>	<b>Flammability 2</b>	<b>Instability 0</b>	<b>Physical and Chemical Hazards 1</b>
<b>HMIS</b>	<b>Health Hazards 1</b>	<b>Flammability 2</b>	<b>Physical Hazard 0</b>	<b>Personal Protection 1</b>

**Prepared By** Avenger Products, LLC  
 3057 Summer Oak Place  
 Buford, GA 30518  
 Phone: (678) 546-5009

**Revision Date** March 23 2021

**Revision Note**

Ver.1 Updated transportation section 14, and Hazards Identification section 2

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**