

SAFETY DATA SHEET



Avenger Products, LLC

Issuing Date: June 8 2021

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

Product Identifier

Product Name **Avenger Zone Insect Killer**

Other Means of Identification

Synonyms KIT031

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	
Hazard Statements Causes serious eye irritation May cause an allergic skin reaction Flammable aerosol Contains Gases Under Pressure; May explode if heated		
		
Appearance: Clear, light yellow	Physical State: Liquid spray Aerosol	Odor: slight musty, 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)

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 facility

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	1.00	-
Pyrethrins	8003-34-7	0.4	-
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 (CO₂). 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
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m ³ TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m ³

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 ³
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

Physical State:	Liquid spray Aerosol	Odor:	Musty
Appearance:	Non-viscous liquid	Odor Threshold:	No information available
Color:	Light yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	N/A	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	27.5°C (81.5°F)	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	Extremely flammable	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	0.79 g/mL	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition Temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
Particle Size	Not applicable
Particle Size Distribution	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

Product Information:	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation:	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye Contact:	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.
Skin Contact:	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
Ingestion:	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
Isopropyl alcohol 67-63-0	= 4396 mg/Kg (Rat)	= 12800 mg/Kg (Rabbit)	= 16000 ppm (Rat, 8 hour)

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
Isopropyl alcohol 67-63-0		Group 3		X

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

Chemical Name	Log Pow
Isopropyl alcohol 67-63-0	0.05

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal Methods:	Do not discharge into drains or the environment. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation. Incinerate under surveillance with energy recovery. Obtain the consent of pollution control authorities before discharging to wastewater treatment plants
Contaminated Packaging:	Dispose of contents/containers in accordance with local regulations.
US EPA Waste Number:	D001
California Hazardous Waste Code:	232

14. TRANSPORT INFORMATION

DOT (Ground)

Proper Shipping Name	Aerosols, flammable
UN Number	UN1950
Hazard Class	2.1
Packing Group	NONE
Description	UN1950, AEROSOLS, 2.1
Emergency Response Guide Number	126

IATA (Air)

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

IMCD (Marine)

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

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 NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - 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 %
Isopropyl alcohol - 67-63-0	67-63-0	40 - 70	1.0

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Isopropyl alcohol 67-63-0	X	X	X	X	

International Regulations**Mexico:****National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
Isopropyl alcohol 67-63-0 (40 - 70)		Mexico: TWA 400 ppm Mexico: TWA 980 mg/m ³ Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m ³

Mexico - Occupational Exposure Limits - Carcinogens

Canada**WHMIS Hazard Class**

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



16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 2	Instability 0	Physical and Chemical Hazards 1
HMIS	Health Hazards 1	Flammability 2	Physical Hazard 0	Personal Protection 1

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