



SAFETY DATA SHEET

Stryker Wasp and Hornet Killer

SECTION 1: IDENTIFICATION

Product Name: Stryker Wasp and Hornet Killer
EPA Registration No.: 53883-384
Recommended Use: Insecticide; See product label for a complete list of uses and use sites.
Restrictions on Use: See product label for any restrictions on the use of this product.
Chemical Family: Pyrethroid
Chemical Name of Active Ingredient(s): Prallethrin
Manufactured for: Control Solutions, Inc.
 5903 Genoa-Red Bluff
 Pasadena, TX 77507

FOR FIRE, SPILL, AND/OR LEAK EMERGENCIES CONTACT: CHEMTREC 1-800-424-9300
FOR MEDICAL EMERGENCIES AND HEALTH AND SAFETY INQUIRIES CONTACT: Safety Call 1-866-897-8050

SECTION 2: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW: Aerosol. Colorless with petroleum distillate odor (i.e. gasoline, kerosene).
 Aspiration hazard if swallowed. Exposure to temperatures above 130°F may cause bursting of the cans.

OSHA HCS CLASSIFICATION (29 CFR 1910.1200)

Aspiration Hazard	Category 1
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Signal Word: DANGER



Hazard Statement(s): May be fatal if swallowed and enters airways.

Precautionary Statement(s):

- Prevention:** No statement required.
- Response:** **IF SWALLOWED:** Immediately call a poison center/doctor. Do NOT induce vomiting.
- Storage:** Store locked up.
- Disposal:** Dispose of contents/container in accordance with Federal, state and local laws and regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Prallethrin	23031-36-9	0.1%
Carbon dioxide	124-38-9	1.0 – 5.0%
Distillates (petroleum), hydrotreated light	64742-47-8	*

*Ingredients not listed or listed with a weight % range are considered a trade secret and are withheld under 29 CFR 1910.1200(i).

SECTION 4: FIRST AID MEASURES

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 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.
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 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.

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

Most important symptoms/effects, acute and delayed: None known

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Foam, dry powder, carbon dioxide
Unsuitable Extinguishing Media:	Water jet
Hazardous Combustion Products:	Thermal decomposition may produce toxic oxides of carbon. Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Foam and/or dry chemical are preferred to minimize environmental contamination. If water is used, dike and collect water to prevent run-off. Wear self-contained breathing apparatus and full fire-fighting turn-out gear (Bunker gear).
Special Protective Equipment & Precautions:	
Unusual Fire & Explosion Hazards:	Aerosol container contains flammable gas under pressure.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	See Section 8 for personal protection equipment.
Environmental Precautions:	Keep spilled material and any rinsate from contaminating soil or from entering sewage and drainage systems and bodies of water. Isolate the spill area. Keep unnecessary and unprotected personnel from entering. Absorb small spills with sand, vermiculite or other inert absorbent. Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify and scrape up for disposal. Place contaminated material in appropriate container for disposal. After removal, flush contaminated area thoroughly with water. Pick up wash liquid with additional absorbent and place in a disposable container. Do not put spilled material back in the original container.
Methods for Containment:	
Methods for Clean-up:	
Other Information:	None known

SECTION 7: HANDLING AND STORAGE

RECOMMENDATIONS ARE INTENDED FOR MANUFACTURING, PACKAGING AND COMMERCIAL BLENDING WORKERS. PESTICIDE APPLICATORS AND WORKERS must refer to the product label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Handle and open container in a manner as to prevent spillage. Do not eat, drink or smoke while handling this product. Immediately wash off accidental splashes of the concentrate or spray mixture from skin, clothing and out of eyes.

Handling:

Storage: See pesticide label for full information on product storage. Do not contaminate water, food or feed by storage of this product. Store away from sources of heat, out of direct sunlight and away from incompatible materials. Pesticides should be stored in secured areas away from children and animals.

Storage Temperature (Min/Max): Store below 130°F.

Product Incompatibilities: Strong oxidizing agents, alkali or alkaline-earth metals

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Users of a pesticide product must refer to the product label for personal protective equipment requirements.

Exposure Guidelines:

COMPONENT	OSHA PEL	ACGIH TLV	NIOSH REL
Distillates (petroleum) hydrotreated light		200 mg/m ³ : TWA non-aerosol total hydrocarbon vapor	
Carbon dioxide	5,000 ppm/ 9,000 mg/m ³	5,000 ppm: TWA 30,000 ppm: STEL	

Engineering Controls: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

Respiratory Protection: In areas of poor ventilation, use a NIOSH approved respirator with cartridges/canisters approved for petroleum distillates.

Eye Protection: Chemical goggles or safety glasses and full-face shield.

Protective Gloves: Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile, neoprene rubber, polyvinyl chloride (PVC) or Viton.

Other Protective Clothing: Long-sleeved shirt, long pants and shoes plus socks.

General Safety Measures: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately after handling this product. Wash outside of gloves before removing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless aerosol	Upper/Lower Flammability Limits:	Not determined
Odor:	Characteristic of petroleum distillate	Vapor Pressure:	Not determined
Odor Threshold:	Not determined	Vapor Density:	Not determined
pH:	5.0 – 6.0	Relative Density:	0.8 (typical)
Melting /Freezing Point:	Not determined	Solubility (water):	Dispersible
Boiling Point/Range:	Not determined	Partition Coefficient:	Not determined
Flash Point:	Not determined	Auto-ignition Temperature:	Not determined
Evaporation Rate:	Not determined	Decomposition Temperature:	Not determined
Flammability:	>18 inches, no flashback	Viscosity:	2.32 cps @ 21.6°C

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	None known
Chemical Stability:	Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions:	The product is chemically stable.
Conditions to Avoid:	All sources of ignition: heat, sparks, open flame. Avoid prolonged storage. Avoid electro-static discharge. Avoid contamination. Avoid prolonged exposure to extreme heat. Avoid extreme temperatures.
Incompatible Materials:	Strong oxidizing agents, alkali or alkaline-earth metals
Hazardous Decomposition Products:	Thermal decomposition may produce toxic oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eye contact, Skin contact, Inhalation
Symptoms of Exposure:	Mild eye or skin irritation
Oral LD₅₀:	>5,000 mg/kg (female rat)(Based upon similar product)
Dermal LD₅₀:	>5,000 mg/kg (male/female rat) (Based upon similar product)
Inhalation LC₅₀:	>2.08 mg/L (male/female rat) (Based upon similar product)
Eye Irritation/Damage:	Slightly irritating (rabbit) (Based upon similar product)
Skin Corrosion/Irritation:	Moderately irritating (rabbit) (Based upon similar product)
Skin Sensitization:	Non-sensitizer (guinea pig) (Based upon similar product)
Chronic/Subchronic Toxicity:	No data available
Mutagenicity:	Based upon a number of mutagenicity studies with microorganisms, mammalian cell culture and mammals, there is no indication that prallethrin is mutagenic.
Reproductive Toxicity:	Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals for prallethrin.
Neurotoxicity:	No data available
Target Organs:	No data available
Aspiration Hazard:	Yes. This product is considered an aspiration hazard.
Carcinogenicity:	

Chemical Name	ACGIH	IARC	NTP	OSHA
No components listed				

SECTION 12: ECOLOGICAL INFORMATION

Environmental Hazards Statement from FIFRA Regulated Pesticide Label:

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 wash waters.

This pesticide is toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

ECOTOXICITY DATA:

Fish Toxicity: No data available
Aquatic Invertebrate Toxicity: No data available
Aquatic Plant Toxicity: No data available
Avian Toxicity: No data available
Honeybee Toxicity: No data available

ENVIRONMENTAL EFFECTS:

Persistence and Degradability: No data available
Bioaccumulation: No data available
Mobility: No data available
Other Adverse Effects: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Refer to the pesticide label for full information on disposal. Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Disposal: Refer to the pesticide label for full information on disposal. Do not puncture or incinerate! Empty container by using the product in accordance with the label directions.

RCRA Characteristics: It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste. [Enter appropriate product specific code if applicable.]

SECTION 14: TRANSPORTATION INFORMATION

DOT (Ground): UN1950, Aerosols, flammable (Contains Hydrotreated Light Distillates (Petroleum)), 2.1
 This product may be classified as Limited Quantity.

IMDG (Sea): UN1950, Aerosols, flammable (Contains Hydrotreated Light Distillates (Petroleum)), 2.1

IATA (Air): UN1950, Aerosols, flammable (Contains Hydrotreated Light Distillates (Petroleum)), 2.1

SECTION 15: REGULATORY INFORMATION

Labeling Requirements Under FIFRA: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION

Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and launder before reuse.

TSCA Inventory: This product is exempt from TSCA inventory listing requirements as it is solely for FIFRA regulated use.

SARA Title III Information:

Section 302 – Extremely hazardous substances:

Section 311/312 – Hazard Categories: Acute (Immediate); Chronic (Delayed); Fire; Sudden Release of Pressure

Section 313 – 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 Number	Weight %
No components listed		

CERCLA – This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Chemical Name	CAS Number	RQ	Quantity of Finished Product
No components listed			

CALIFORNIA PROPOSITION 65:

Chemical Name	CAS Number	Prop 65 Category(ies)
No components listed		

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Carbon dioxide	X	X	X
Distillates (petroleum), hydrotreated light	X	X	X

SECTION 16: OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 3	Instability 0	Special Hazards – None
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