



Material Safety Data Sheet

Section 1: Product & Company Identification

Product Name: Wasp & Hornet Killer Plus™

Product Number (s): 14010, 72010

Manufactured By:

CRC Industries, Inc.
885 Louis Drive
Warminster, PA 18974
www.crcindustries.com

General Information	(215) 674-4300
Technical Assistance	(800) 521-3168
Customer Service	(800) 272-4620
24-Hr Emergency (CHEMTREC)	(800) 424-9300

Section 2: Hazards Identification

Emergency Overview

Appearance & Odor: Amber liquid, petroleum odor

CAUTION

Flammable. Harmful or fatal if swallowed. Eye irritant. Contents under pressure.

As defined by OSHA's Hazard Communication Standard, this product is hazardous.

Potential Health Effects:

- EYE: May cause moderate eye irritation.
- SKIN: May cause skin irritation. Prolonged contact may allow material to be absorbed through the skin
- INHALATION: May cause respiratory irritation. Overexposure to vapors may lead to central nervous system effects such as headache and drowsiness, followed by dizziness and nausea.
- INGESTION: May cause gastrointestinal discomfort or irritation of the throat. Aspiration of this material into the lungs, either while swallowing or vomiting, may lead to chemical pneumonitis, which could be fatal. Signs of lung involvement include increased respiratory rate, increased heart rate, and a bluish discoloration of the skin.
- CHRONIC EFFECTS: Repeated skin contact may cause contact dermatitis.
- TARGET ORGANS: Central nervous system.

Medical Conditions Aggravated by Exposure:

pre-existing skin conditions

See Section 11 for toxicology and carcinogenicity information on product ingredients.

Section 3: Composition/Information on Ingredients

COMPONENT	CAS NUMBER	% by Wt.
Hydrotreated light distillate	64742-47-8	90 - 100
Tetramethrin	7696-12-0	0.200
Phenothrin	26001-80-2	0.125
Carbon dioxide	124-38-9	1 - 5

Section 4: First Aid Measures

Eye Contact:	Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists.
Skin Contact:	Remove contaminated clothing and wash affected area with soap and water. Call a physician if irritation persists. Wash contaminated clothing prior to re-use.
Inhalation:	Remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.
Ingestion:	Do NOT induce vomiting due to aspiration hazard. If vomiting occurs, lower head below knees to avoid aspiration. Seek immediate medical attention.
Note to Physicians:	None

Section 5: Fire-Fighting Measures

Flammable Properties: This product is flammable in accordance with aerosol flammability definitions (16 CFR 1500.3(c) (6)).

Flash Point:	177 F (PMCC)	Upper Explosive Limit:	ND
Autoignition Temperature:	ND	Lower Explosive Limit:	ND

Suitable Extinguishing Media: Use extinguishers appropriate for a class B fire.

Products of Combustion: Oxides of carbon

Protection of Fire-Fighters: Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains.

Methods for Containment & Clean-up: Dike area to contain spill. Ventilate the area with fresh air. If in confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Recover or absorb spilled material using an absorbent designed for chemical spills. Place used absorbents into proper waste containers.

Section 7: Handling and Storage

Handling Procedures: Avoid breathing vapors. Use outside or with adequate ventilation. Avoid contact with eyes, skin and clothing. Do not use near sparks, open flames or other sources of ignition.

Storage Procedures: Store in a cool dry area out of direct sunlight. Aerosol cans must be maintained below 120 F to prevent cans from rupturing.

Aerosol Storage Level: III

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Hydrotreated light distillate	NE	NE	NE	NE	NE		
Tetramethrin	NE	NE	NE	NE	NE		
Phenothrin	NE	NE	NE	NE	NE		
Carbon dioxide	5000	NE	5000	30000	NE		ppm
N.E. – Not Established (c) – ceiling (s) – skin (v) – vacated							

Engineering Controls: Area should have ventilation to provide fresh air. Use local exhaust to prevent accumulation of vapors. Use mechanical means if necessary to maintain vapor levels below the exposure guidelines. If working in a confined space, follow applicable OSHA regulations

Respiratory Protection: None required for normal work where adequate ventilation is provided. Use NIOSH-approved self-contained positive pressure respirators in low circulation areas and for emergencies.

Eye/face Protection: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

Skin Protection: Use protective gloves such as neoprene or nitrile. Also, use full protective clothing if there is prolonged or repeated contact of liquid with skin.

Section 9: Physical and Chemical Properties

Physical State: liquid

Color: light amber

Odor: petroleum
 Specific Gravity: 0.79
 Initial Boiling Point: 420 F
 Freezing Point: ND
 Vapor Pressure: < 0.1 mm Hg
 Vapor Density: > 1 (air = 1)
 Evaporation Rate: < 1 (ether = 1)
 Solubility: negligible in water
 pH: NA
 Volatile Organic Compounds: wt %: 33.0 g/L: 260 lbs./gal: 2.17

Section 10: Stability and Reactivity

Stability: Stable
 Conditions to Avoid: Temperature extremes; sources of ignition
 Incompatible Materials: Strong acids, bases and oxidizers
 Hazardous Decomposition Products: Carbon monoxide
 Possibility of Hazardous Reactions: No

Section 11: Toxicological Information

Toxicological studies have been conducted on the active ingredient mixture for this product. The following information was supplied by the manufacturer of the active ingredient mixture.

ACUTE EFFECTS

<u>Component</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Active ingredient mixture	LD50	> 6.31 g/kg	Oral	Rat
Active ingredient mixture	LD50	> 2 g/kg	Dermal	Rat
Active ingredient mixture	LC50	> 5.34 mg/L	Inhalation	Rat

CHRONIC EFFECTS

Carcinogenicity:

	<u>Component</u>	<u>Result</u>
OSHA:	None listed	
IARC:	None listed	
NTP:	None listed	

Mutagenicity: No information

Other: None

Section 12: Ecological Information

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity: No information available
Persistence / Degradability: No information available
Bioaccumulation / Accumulation: No information available
Mobility in Environment: No information available

Section 13: Disposal Considerations

Disposal: The liquid product is not a RCRA hazardous waste. Full or partial full containers should be punctured and drained. Empty containers may be recycled or discarded. Contact your state or local regulatory agency for more details.

All disposal activities must comply with federal, state and local regulations. Local regulations may be more stringent than state or national requirements.

Section 14: Transport Information

Proper shipping description:

US DOT (ground): Consumer Commodity, ORM-D

Special Provisions: None

Section 15: Regulatory Information**U.S. Federal**Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: None

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories:	Fire Hazard	Yes
	Reactive Hazard	No
	Release of Pressure	Yes
	Acute Health Hazard	Yes
	Chronic Health Hazard	No

Section 313 Toxic Chemicals: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:
Tetramethrin, Phenothrin

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): None

State Regulations

California Safe Drinking Water and Toxic Enforcement Act (Prop 65):

NONE

State Right to Know:

New Jersey: Tetramethrin, Phenothrin, 1,2,4-Trimethylbenzene (< 0.5%)
Pennsylvania: 1,2,4-Trimethylbenzene (< 0.5%)
Massachusetts: 1,2,4-Trimethylbenzene (< 0.5%)
Rhode Island : None

Additional Regulatory Information: EPA Registration #55809-3

Section 16: Other Information

NFPA: Health: 2 Flammability: 2 Reactivity: 0
HMIS: Health: 2 Flammability: 2 Reactivity: 0 PPE: B

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Changes since last revision: MSDS reformatted in accordance with ANSI Z400.1-2004

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
PMCC:	Pensky-Martens Closed Cup	g/L:	grams per Liter
PPE:	Personal Protection Equipment	lbs./gal:	pounds per gallon
TWA:	Time Weighted Average	STEL:	Short Term Exposure Limit
OSHA:	Occupational Safety and Health Administration		
ACGIH	American Association of Governmental Industrial Hygienists		
NIOSH	National Institute of Occupational Safety & Health		