



RAINBOW TECHNOLOGY
Specialists in Utility Chemicals & Safety Items

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Woman-Owned Business Enterprise - Founded 1971

Safety Data Sheet (SDS)

SECTION 1 - MANUFACTURER INFORMATION

DISTRIBUTOR: Rainbow Technology Corporation
(800) 637-6047
CONTACT PERSON: Larry Joe Steeley, Jr.
EMERGENCY PHONE: Chem-Tel (800) 255-3924

PRODUCT NAME: **WASP & ANT KILLER**
PRODUCT CODE: **4334/4335**
CHEMICAL FAMILY: Mixture
CHEMICAL FORMULA: Mixture
EPA REG: 13283-28

Revised Date: January 17, 2013
Replaces SDS Dated: February 5, 2010

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS #	EXPOSURE LIMITS	CONCENTRATION	
			PERCENT BY WEIGHT	
Tetramethrin	7696-12-0	None established	= 0.1	
Permethrin	52645-53-1	None established	= 0.25	
Piperonyl butoxide	51-03-6	None established	= 0.5	
Petroleum distillate	64742-47-8	None established	> 90	
Carbon dioxide	124-38-9	ACGIH TLV-TWA 5000 ppm ACGIH TLV-STEL 30,000 ppm OSHA PEL-TWA 5,000 ppm	> 2	

SECTION 3 - HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW

Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. This product is toxic to fish and aquatic invertebrates. Combustible liquid and vapor. Contents under pressure.

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY: Skin contact.

EYES: Causes moderate eye irritation.

SKIN: Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

CHRONIC (CANCER INFORMATION): See Section 11 for carcinogenic/oncogenic effects of piperonyl butoxide and permethrin.

SECTION 4 - FIRST AID MEASURES

EYES: Flush with plenty of water. Call a physician if irritation persists.

SKIN: Wash thoroughly with soap and water.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: FLASH POINT: >200°F >93°C Tag Closed Cup

FIRE AND EXPLOSION HAZARDS: Combustible liquid and vapor. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, or Water.

FIRE FIGHTING INSTRUCTIONS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Soak up with an absorbent material and dispose of in trash.

SECTION 7 - HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid contact with eyes or clothing. Do not use in commercial food/feed handling establishments, restaurants, or other sites where food/feed is commercially prepared or processed. Not for use in USDA meat and poultry plants.

STORAGE PRECAUTIONS: Do not store near heat or open flame. Store in a cool, dry area away from children.

WORK/HYGIENIC PRACTICES: Wash thoroughly with soap and water after handling.

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SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use in a well-ventilated area. **EYE/FACE PROTECTION:** Safety glasses.
SKIN PROTECTION: Chemical-resistant gloves.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid. ODOR: Odorless to faint deodorized kerosene odor.
BASIC PHYSICAL PROPERTIES
PHYSICAL STATE: Liquid SOLUBILITY (H₂O): NA
pH: NA VISCOSITY: 20.3 cp @ 22 C
DENSITY: 6.55 lbs/gal

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE STUDIES: Acute toxicity data is bridged from a similar product;
EPA Reg No. 432-776, which contains 0.15% Tetramethrin, 0.375% Permethrin, and 0.75% Piperonyl butoxide.
EYE EFFECTS: Moderately irritating.
SKIN EFFECTS: Irritation: Slightly irritating; Absorption: LD50>5,000 mg/kg; Sensitization: Positive
ACUTE ORAL EFFECTS: LD50 > 5,000 mg/kg
ACUTE INHALATION EFFECTS: 4-Hour LC50 > 4.73 mg/L; 1-Hour equivalent LC50 > 18.92 mg/L (for DOT classification)
CHRONIC (CANCER INFORMATION): A statistically significant increase in the incident of lung and liver tumors was observed in female mice receiving diets containing 375 and 750 mg/kg/day of permethrin technical over 85 weeks. A statistically significant increase in the number of benign liver tumors appeared in mice fed piperonyl butoxide technical at doses which far exceed any anticipated daily human intake. Independent and industry toxicological experts who have reviewed the data agree that the findings of the study do not indicate a health risk to human beings.
CARCINOGENICITY: NTP: No IARC: No OSHA No

SECTION 12 – ECOLOGICAL INFORMATION

OTHER ENVIROMENTAL INFORMATION: This product is toxic to fish and aquatic invertebrates. Do not apply directly in water.

SECTION 13 – DISPOSAL CONSIDERATIONS

Replace cap, wrap container in several layers of newspaper and discard in trash. Do not incinerate or puncture.
Can be disposed of with other recyclables where local law permits.

SECTION 14. TRANSPORT INFORMATION

Proposition 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986
This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

DOT Shipping Name: Aerosols, Limited Quantity
Hazard Class: Class 2.2(non-flammable gas)
UN/ID Number: UN 1950

SECTION 15 – REGULATORY INFORMATION

SARA TITLE III NOTIFICATIONS AND INFORMATION
SARA TITLE III – SECTION 313 SUPPLIER NOTIFICATION
This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know-Act (EPCRA) of 1986 and of 40 CFR 372:

CAS NUMBER	INGREDIENT NAME	PERCENT BY WEIGHT
7696-12-0	Tetramethrin	= 0.1
52645-53-1	Permethrin	= 0.25
51-03-6	Piperonyl butoxide	= 0.5

This information must be included on all SDSs that are copied and distributed for this material.

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SECTION 15 – REGULATORY INFORMATION (CONTINUED)

REGULATED INGREDIENTS

INGREDIENT	CAS NO.:	PERCENT BY WT	REGULATIONS
Tetramethrin	7696-12-0=0.1	=0.25	SARA Section 313 Toxic Chemical Massachusetts Hazardous Substance New Jersey Workplace Hazardous Substance
Permethrin	52645-53-1		SARA Section 313 Toxic Chemical
Piperonyl butoxide	51-03-6	= 0.5	SARA Section 313 Toxic Chemical
Carbon dioxide	124-38-9	>2	Illinois Toxic Substance Massachusetts Hazardous Substance New Jersey Workplace Hazardous Substance Pennsylvania Workplace Hazardous Substance

SECTION 16 – OTHER INFORMATION

HMIS HAZARD RATING –	HEALTH: 1 Slight	FIRE: 1 Slight	REACTIVITY: 0 Negligible	PROTECTION: B
NFPA HAZARD RATING -	HEALTH: 1 Slight	FIRE: 1 Slight	REACTIVITY: 0 Negligible	SPECIAL: -

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.