



RAINBOW TECHNOLOGY CORPORATION
Specialists in Utility Chemicals & Safety Items

261 Cahaba Valley Parkway - Pelham, AL 35124-1146
Tel: 1.800.637.6047 / 205.733.0333
Fax: 1.800.521.6896 / 205.733.8930

www.rainbowtech.net

Woman-Owned Business Enterprise - Founded 1971

Safety Data Sheet (SDS)

SECTION I - IDENTIFICATION

Product Name: Rainbow Insect Tag II, EPA Reg. No. 73745-2-13283

Product No.: 4047

Distributor: Rainbow Technology Corporation 1-800-637-6047

Contact: Larry Joe Steeley, Jr.

Emergency Phone No. (24 Hrs.): CHEM-TEL 1-800-255-3924

SDS Issue Date: 11/10/2020

SDS Replaces Date: N.A.

Section 2: Composition/Information Of Ingredients

GHS Label

Composition information

Permethrin

1. Plastic Injection

No information

2. Permethrin

Pictogram



Signal word:

Warning

Hazard statement:

Hazardous if swallowed
Possible organ damage (nervous system)
Poisonous properties for aquatic organisms

Other information of hazards

Hazardous for silkworms & bees

Note of caution

Measure for safety

Suppress the release into the environment. Wear a protective mask, gloves, glasses and coat
Work in a well-ventilated area
Keep away from food, drink and smoke Avoid breathing vapors
Wash hands after using

First Aid Treatment

Rinse mouth if swallowed
Wash hands with soap and water if on skin
If inhaled, seek fresh air and rest in a posture that makes it easier to breathe. Contact a doctor for medical advice.

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Storage

Store in well-ventilated area

Section 3: Composition/Information Of Ingredients

Single substance/mixture component: Mixture

Composition: Listed Below

Chemical Name	Formula	CAS No.
Permethrin	$C_{21}H_{20}OCl_2O_3$	52645-53-1
Polyamide resin, etc.	Non-Disclosure	Non-Disclosure

Section 4: First Aid Instructions

- If In Eyes:** Irrigate eyes with plenty of water. Seek medical treatment in case of continuous symptoms.
- If On The Skin:** Wash skin with plenty soap and water. Seek medical treatment in case of continuous symptoms.
- If Inhaled:** Move to fresh air and wait for recovery. Seek medical treatment if not recovering.
- If Swallowed:** Give one or two glasses of water. Do not induce vomiting. Seek medical attention if necessary.
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Section 5: Fire Fighting Procedures

- Fire and Explosion Hazard:** Can burn in fire, releasing irritating and toxic gases due to thermal decomposition or combustion.
- Fire Fighting Procedure:** Use dry foam, dry chemicals, carbon dioxide or water spray when fighting fires involving this material.
- Fire Fighting Instructions:** Evacuate the area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Dike and collect water used to fight fire-extinguishing systems are preferred to prevent environmental damage with excessive water run off.
- Fire Fighting Equipment:** Self-contained breathing apparatus with full face-piece.
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Section 6: Accidental Release Measures

Rainbow Insect Tag II may cause risk of spills.
Clean up spills immediately, observing precautions in Section 8 of this document.

Section 7: Handling And Storage

Keep Out Of Reach Of Children

Handling: Use only in a well ventilated area. Wear gloves.

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Storage: Keep away from food, drink and animal feed. Store in a dry, well-ventilated area away from flammable materials and sources of heat or flame.

Section 8: Personal Protection

Gloves: Chemical resistant gloves such as barrier laminate, nitrile rubber, or neoprene rubber.

User Safety Recommendations

- Wash hands before eating, drinking, chewing gum, smoking or using the toilet.
 - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 - Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
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Section 9: Physical And Chemical Properties

Appearance: Molded plastic

Solubility In Water: Insoluble

Section 10: Stability And Reactivity

Rainbow Insect Tag II is stable under normal conditions of handling and storage.

Section 11: Toxicological Information

Acute Toxicity of Permethrin

Oral (rat):	LD50 (cis/trans ratio of 40:60) > 504-791mg/kg.
Dermal (rat):	LD50 > 2,000mg/kg.
Inhalation: (rat):	LC50 (4h) 5.4 mg/l air.
Eye Irritation (rabbit):	Causes moderate eye irritation
Skin Irritation (rabbit):	Slight irritant
Skin Sensitization (guinea pig):	Not a sensitizer

Section 12: Environmental Information

Permethrin is highly toxic to bees and extremely toxic to fish and aquatic invertebrates. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

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Fish Toxicity : LC50 (96h) for Rainbow trout – 2.5 µg/l
LC50 (96h) for Blue gill – 1.8 µg/l

Avian Toxicity : LD50 Bobwhite quail – 10,000 mg/kg
LD50 Mallard duck – 9,000 mg/kg

Section 13: Disposal Considerations

Waste: Dispose of in accordance with applicable Federal, State, and local laws and regulations.

Section 14: Transport Information

Comply with applicable regulations in your country.

Section 15: Regulatory Information

Regulations under FIFRA: ALL pesticides are governed under FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act). Therefore, the regulations presented are pertinent only when handled outside of the normal use and applications of pesticides. This includes waste streams resulting from manufacturing / formulation facilities, spills or misuse of products, and storage of large quantities of product containing hazardous or extremely hazardous substances.

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:

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment

Handlers must wear chemical-resistant gloves (such as or made out of any waterproof material).

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum or using the toilet. Users should remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish and aquatic organisms.

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OSHA STATUS

COMMUNICATION STANDARD STATUS : Regulated

CERCLA REORTABLE QUANTITY : Not Listed

SARA TITLE III STATUS

Section 302 Extremely Hazardous Substances : Not Listed

Section 311/312 Hazard Categories : Immediate, Delayed

Section 313 Toxic Chemicals : Permethrin

California Proposition 65 Status : Not Listed

Section 16: Other Information

NOTICE

The information herein is presented in good faith and believed to be accurate. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with Federal, State and local laws and regulations.