

**RAINBOW TECHNOLOGY CORPORATION**  
**261 Cahaba Valley Parkway**  
**Pelham, Alabama 35124**

**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - MANUFACTURER INFORMATION**

MANUFACTURER/DISTRIBUTOR: Rainbow Technology Corporation (800) 637-6047  
EMERGENCY PHONE #(24 HOURS): Chem-Tel Inc., (800) 255-3924  
CONTACT PERSON: Larry Joe Steeley, Jr.  
TRADE NAME: Rainbow Insect Tag  
EPA Reg. No. 13283 - 26  
PRODUCT NUMBER: 4049  
CHEMICAL NAME: Solid Mixture  
CHEMICAL FAMILY: Solid Mixture  
FORMULA: Proprietary  
ISSUE DATE: May 20, 2009  
REPLACES MSDS DATED: January 3, 2002

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)**

Health	1
Flammability	1
Reactivity	0
Protection	0

**SECTION 2 - HAZARDOUS INGREDIENTS**

DOES PRODUCT CONTAIN HAZARDOUS INGREDIENTS? Yes

CHEMICAL/Common Name	CAS Number	%	PEL-OSHA	TLV-ACGIH
Propoxur	114-26-1	9.4	No Information	0.5 mg/m <sup>3</sup>

DOES PRODUCT CONTAIN CARCINOGENS? (NTP, IARC, OR OSHA): No

**SECTION 3 - HEALTH HAZARD DATA**

**HEALTH EFFECTS** (Acute and Chronic): *ACUTE EFFECTS OF OVEREXPOSURE:*

*Eye:* Contracted pupils

*Skin:* Sweating

*Inhalation:* A sense of tightness in the chest.

*Ingestion:* Vomiting, diarrhea, and stomach pains.

**SUBCHRONIC AND CHRONIC EFFECTS OF OVEREXPOSURE:** Reversible cholinesterase inhibition.

**PRIMARY ROUTES OF ENTRY:** *Inhalation:* Yes

*Skin:* Yes

*Ingestion:* No

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None expected

**EMERGENCY FIRST AID PROCEDURES:**

*Eye:* Flush with plenty of water.

*Skin:* Wash with thoroughly with soap and water.

*Inhalation:* Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if warranted.

*Ingestion:* Administer water freely and induce vomiting by giving one dose (1/2 oz, or 15 ml) of syrup of ipecac. If vomiting does not occur within 10-20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything to an unconscious person. Symptoms will usually disappear on their own in 1-2 hours. Get medical attention immediately. *NOTE TO PHYSICIAN: Atropine is antidotal.*

**SECTION 4 - CHEMICAL DATA**

**BOILING POINT (F):** N/A

**VAPOR PRESSURE (mmHg):** N/A

**VAPOR DENSITY (AIR=1):** N/A

**SOLUBILITY IN WATER:** 2% maximum

**APPEARANCE AND ODOR INFORMATION:** Slight phenol odor.

**SPECIFIC GRAVITY (WTER=1):** N/A

**PERCENT VOLATILE BY VOLUME (%):** 0% @ 70°F

**EVAPORATION RATE (Butyl Acetate =1):** N/A

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### **SECTION 5 – PHYSICAL HAZARD DATA**

**FLASH POINT** (Method Used): N/A      **FLAMMABLE LIMITS:** Le1=N/A      UEL=N/A  
**EXTINGUISHING MEDIA:** Carbon dioxide and foam.  
**SPECIAL FIRE FIGHTING PROCEDURES:** If involved in fire, use air-supplied equipment. Do not inhale fumes.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None  
**INCOMPATIBILITY** (Materials to Avoid): Alkaline media  
**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>, CH<sub>3</sub>NH<sub>2</sub>, HCL, CL<sub>2</sub>  
**WILL HAZARDOUS POLYMERIZATION OCCUR:** Will not occur  
**CONDITIONS TO AVOID FOR POLYMERIZATION:** None known  
**IS THE PRODUCT STABLE:** Product is stable.  
**CONDITIONS TO AVOID FOR STABILITY:** Alkaline media

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### **SECTION 6 – SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Place unpouched strips in tightly sealed container. Protect from ignition. Keep out of water sources and sewers.  
**WASTE DISPOSAL METHODS:** Incinerate or otherwise manage at an RCRA permitted waste management facility. Do not reuse empty containers. Check state and local authorities for other options.

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### **SECTION 7 - EXPOSURE CONTROL INFORMATION**

**VENTILATION:** Mechanical/General  
**LOCAL EXHAUST:** N/A  
**SPECIAL:** N/A      **OTHER:** N/A  
**RESPIRATORY PROTECTION:** None required if applied according to directions.  
**PROTECTIVE GLOVES:** None required but vinyl, latex, or rubber gloves are recommended for continuous handling.  
**OTHER PROTECTIVE EQUIPMENT:** None required.  
**OTHER ENGINEERING CONTROLS:** N/A  
**WORK PRACTICES:** N/A  
**HYGIENIC PRACTICES:** Wash hands with soap and water after handling.

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### **SECTION 8 - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in sealed pouch in a cool, dry place until used.  
**MAINTENANCE PRECAUTIONS:** Store in sealed pouches in a cool, dry, well ventilated area. Protect from ignition. Do not allow contamination of water sources, food, or feed.  
**OTHER PRECAUTIONS:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not open protective pouch until ready to use. Harmful if chewed or swallowed. Avoid contact with eyes, clothing, and food. Do not use in edible product areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed.

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### **SECTION 9 – TRANSPORTATION**

**DOT SHIPPING INFORMATION:** Not Regulated

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*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.*