



RAINBOW TECHNOLOGY
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 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER/DISTRIBUTOR:	Rainbow Technology Corporation (800)637-6047
CONTACT PERSON:	Larry Joe Steeley, Jr.
EMERGENCY PHONE:#(24 HRS.):	Chem-Tel Inc. (800) 255-3924
TRADE NAME:	Rainbow Tick & Mosquito Repellent for FR Clothing
PRODUCT NUMBER:	4507 & 4509
ISSUE DATE:	July 3, 2013
REPLACES MSDS DATED:	June 9, 2011

NFPA RATING

(Scale 0-4)

HEALTH..... 0
FIRE..... 1
REACTIVITY..... 0

SECTION 2 – COMPOSITION/INFORMATION ON COMPONENTS

CAS NO	CHEMICAL NAMES	Percent
52645-53-1	Permethrin	0.50
64742-95-6	Aromatic Petroleum Distillate Xylene Range	<1.00
N/A	Inert Ingredients	>98.0

CHEMICAL CHARACTERIZATION/DESCRIPTION: Permethrin*

*(3-phenoxyphenyl)methyl (+/-) cis/trans 3-(2,2dichloroethenyl)-2,2-dimethyl cyclopropanecarboxylate. Cis/trans ratio: min 35% (max. 40%)(+/-) cis and max. 65% (min 60%)(+/-) trans.

SECTION 3 – HAZARD IDENTIFICATION

LABELING: Precautionary Statements: Keep out of Reach of Children. Avoid contact with face, eyes, or skin. Harmful if swallowed. Wash thoroughly after handling and before eating or smoking. Do not use on humans. Do not retreat clothing within 6 weeks unless clothing has been laundered between treatments.

SECTION 4 – FIRST AID MEASURES

First Aid: Emergency Procedures:

If Inhaled: Remove affected person to fresh air. Apply artificial respiration, if indicated.

Skin Contact: Remove contaminated clothing and wash affected areas with soap and water.

Eye Contact: Flush eyes with plenty of water. Call a physician if irritation persists.

If Swallowed: Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Measures

Water Spray, Carbon dioxide, foam, or dry chemical. Use appropriate extinguishing media for surrounding fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eye Protection – safety glasses, goggles, or face shield

Environmental Precautions: None necessary under normal conditions of use.

Measures for Cleaning/Collection: Open windows and doors to ventilate area thoroughly. Allow to discharge safely, avoiding breathing vapors. Soak up residues with an absorbent material.

Safety Data Sheet (SDS)

SECTION 7 – HANDLING AND STORAGE

Do not store where temperature falls below 32 degrees F.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Personal Protective Equipment:

Respiratory Protection: None

Skin Protection: None

Eye Protection: Safety glasses, goggles or face shield.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	N/A	Specific Gravity (water=1)	0.995
Vapor Pressure (mm Hg):	N/A	Melting Point:	N/A
Vapor Density (AIR = 1):	N/A	Unit Pressure:	N/A
Solubility in Water:	Miscible	Pounds/Gallon:	8.31
Solubility in Oil	Negligible	Flash Point (TTC):	>200 degrees F
Appearance:	Liquid	PH:	6.0-7.0
Odor:	Slight (Solvent)	Auto Ignition Temp. (°C)	N/A
Color:	Milky White		

SECTION 10 – STABILITY AND REACTIVITY

General: This product is considered stable.

Materials to avoid: None

Conditions to avoid: Do not store when temperature exceeds 130 degrees F

Hazardous Decomposition Products (including combustion products): None

Hazardous Polymerization: Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Systems of Overexposure : None

Health Effects of Risk from Exposure: Acute: NE Chronic: NE

SECTION 12 – ECOLOGICAL EFFECTS

None anticipated under normal conditions of use.

SECTION 13 – DISPOSAL CONSIDERATIONS

Replace cap, wrap container in several layers of newspaper, and discard container in trash. Dispose of absorbents in trash. Dispose of all wastes in accordance with Federal, State, and Local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

Proper Shipping Name: Insect Repellent/Clothing Treatment

Not Restricted.

SECTION 15 - REGULATORY INFORMATION

TSCA: (toxic Substances Control Act) Regulations, 40CFR710: This product is a pesticide and is exempt from TSCA regulation.

CERCLA and SARA Regulations (40CFR355, 370, and 372): This product does not contain chemicals subject to the regulation and reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA, Title III), Section 311, 312 and 313.

SECTION 16 – OTHER INFORMATION

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.