

# MATERIAL SAFETY DATA SHEET

**JT EATON**<sup>TM</sup>  
SINCE 1932

**JT EATON KILLS BEDBUGS, TICKS & MOSQUITOES**

1393 East Highland Road  
Twinsburg, OH 44087 • U.S.A.

## SECTION 1 • IDENTIFICATION

### IDENTITY:

JT EATON KILLS BEDBUGS, TICKS & MOSQUITOES  
EPA Registration No. **45385-99-56**  
Product Code: **209-W3Z, 209-W6Z, 209-W, 209-W1G, 209-W1GP & 209-W5G**

ACTIVE INGREDIENT CHEMICAL NAME: **PERMETHRIN**  
GENERAL PURPOSE AQUEOUS INSECTICIDE

CHEMICAL FAMILY: Mixture

Manufactured for:

J.T. EATON & CO., INC.

Address: 1393 East Highland Road  
Twinsburg Ohio 44087

Prepared by: Bart Baker Date Prepared: December 20, 2011

**HMIS Rating:** Health: 1 Slight  
Flammability: 1 Slight  
Reactivity: 0 Negligible  
Protection: -

Emergency Telephone Number:

**CHEMTREC at 1-800-424-9300** or

National Pesticide Telecommunications Network at **1-800-858-7378** or

Telephone Number for Information:

9 AM to 5 PM EST - 330-425-7801

## SECTION 2 HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	PEL	STEL	<-OSHA LIMITS ->		OPTIONAL %
				CEILING	ACGIH TLV	
Permethrin	52645-53-1	N/A	N/A	N/A	N/A	0.5

## SECTION 3 • PHYSICAL / CHEMICAL DATA

BOILING POINT: (F): N/A

SOLUBILITY IN H<sub>2</sub>O: N/A

APPEARANCE / ODOR: Milky white liquid.  
Mild aromatic odor.

SPECIFIC GRAVITY: (Water = 1): 1.00 @ 20° C

VAPOR PRESSURE: (mm hg): N/A

VISCOSITY: 1.05 cst

## SECTION 4 • FIRE & EXPLOSION HAZARD DATA

FLASH POINT: N/A METHOD USED: N/A

FLAMMABLE LIMITS: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or CO<sub>2</sub>.

SPECIAL FIRE FIGHTING PROCEDURES: Warning. Flammable. Clear fire area of unprotected personnel. Cool fire exposed containers. Use self-contained breathing apparatus (pressure demand) for confined areas.

MSHA / NIOSH approved (or equivalent) and full protective gear.

UNUSUAL FIRE & EXPLOSION HAZARDS: Cool containers exposed to intense heat with water to prevent container rupture from vapor pressure build-up.

## SECTION 5 • REACTIVITY DATA

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID:

DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION: Will not occur

## SECTION 6 • HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? SKIN? INGESTION?  
YES YES YES

**SECTION 6 • HEALTH HAZARD DATA (CONT.)**

HEALTH HAZARDS (ACUTE and CHRONIC): Non-irritating to eyes. May cause slight skin irritation.

CARCINOGENICITY: NTP? IARC MONOGRAPH? OSHA REGULATED?  
NO NO NO

CHRONIC(CANCER INFORMATION): A statistically significant increase in the incidence 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.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Eye, skin and respiratory disorders.

FIRST AID PROCEDURES:

EYES: Flush with plenty of water.

SKIN: Wash with soap and water and remove contaminated clothing and shoes.

INHALATION: Fresh air and oxygen if required.

INGESTION: Do NOT induce vomiting. Get medical attention.

**SECTION 7 • PRECAUTIONS FOR SAFE HANDLING**

IN CASE MATERIAL IS RELEASED OR SPILLED: Keep liquid and vapor away from heat, sparks and flame. Handling equipment must be grounded to prevent sparking. Shut off source of leak if safe to do so. Dike and contain. Clean up with absorbents.

WASTE DISPOSAL METHOD: Waste material is considered hazardous under EPA-RCRA (40 CFR 261.33). Follow latest EPA or state regulations regarding proper disposal.

HANDLING AND STORAGE: Store upright at room temperature. Avoid exposure to extreme temperatures.

OTHER PRECAUTIONS: N/A

WORK / HYGIENIC PRACTICES: Wash thoroughly with soap and water after handling and before smoking or eating.

**SECTION 8 • CONTROL MEASURES**

RESPIRATORY PROTECTION: Air purifying respirator for organic vapors or air-supplying respirator.

VENTILATION: LOCAL EXHAUST: Yes

PROTECTIVE GLOVES: Chemical resistant.

EYE PROTECTION: N/A

OTHER PROTECTIVE EQUIPMENT: Use adequate ventilation as required to control vapor concentration.

WORK / HYGIENIC PRACTICES: Use adequate ventilation. Air dry contaminated clothing in a well ventilated area.

**SECTION 9 • SHIPPING INFORMATION**

D.O.T. Hazard Classification: Not D.O.T. classified

Bill of lading Description: Chemicals, NOI

Product is non regulated and will not trigger marine pollutant labeling.

Manufacture makes no warranty, express or implied, other than indicated on Label and MSDS. Customer assumes all risk of use and/or handling of this material when such use and / or handling is contrary to Label and MSDS

All information contained in this Material Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion the information is, as of the date of this Material Safety Data Sheet, reliable, however, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you and you must make independent determinations of the suitability and completeness of the information from all source to assure both proper use of the material described herein and the safety and health of employees. Accordingly, no guarantee expressed, or implied is made by J.T. EATON & CO., INC. as to the results to be obtained based upon your use of the information nor does J.T. EATON & CO., INC. assume any liability arising out of your use of the information.

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