



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Wilson Magic Mist® PY9 Insecticide

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** 18325

**Code:** 5150500

**Chemical Name:** Pyrethrins:

Piperonyl Butoxide: 3,4-Methylenedioxy-6-propylbenzyl n-butyl diethyleneglycol ether

**Synonyms:** Pyrethrins: Pyrethrum

**Chemical Family:** Botanical Pyrethroid

**Product Use:** Insecticide

**TDG Classification:** Regulated by Road/Rail/Marine Transport: Limited Quantity

**Fire Code Classification:** Level III Aerosol

### SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Pyrethrins	1.8	8003-34-7	Oral, rat 1030 Dermal, rat >2000	5 mg/m3
Piperonyl Butoxide	10	51-03-6	Oral, rat 2010	-
Petroleum Naphtha	25.8	64741-65-7	Oral, rat >8000	300 ppm 1370 mg/m3 (ACGIH)
A70 Hydrocarbon Propellant	55	68476-86-6	-	LC50, rat 10200 ppm/4 hr
Calculated LD50 for mixture			10,070	

### SECTION 3 - PHYSICAL DATA

**Physical State:** Compressed liquid

**Specific Gravity:** 0.82 - 0.83

**Boiling Point:** 171 - 205 °C

**Vapour Pressure:** 3 mm Hg @ 20°C

**% Volatiles:** Approx. 85 %

**Solubility in Water:** Insoluble

**Appearance\Odour:** Light straw coloured liquid with cherry odour

**pH:** No Data

**Freezing/Melting Point:** No Data

**Vapour Density:** >1.0 (Air=1)

**Evaporation Rate:** <1.0

### SECTION 4 - FIRE AND EXPLOSION

**Flame Extension:** > 45 cm

**Lower Explosion Limit %:** No Data

**Fire Extinguishing Media:** Foam, Carbon Dioxide, Dry Chemical or Water Fog

**Fire Fighting Procedures:** Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and dike the area for runoff. Use water spray to cool fire exposed containers or structures. Use water spray to disperse vapours, re-ignition of vapours is possible.

**Other Fire or Explosion Hazards:** Container may explode under intense heat. Vapour is heavier than air, may flash back from an ignition source.

**Autoignition Temperature:** Approx. 405 °C

**Upper Explosion Limit %:** No Data

## SECTION 5 - REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** Will Not Occur

**Conditions to Avoid:** Prolonged exposure to elevated temperatures and sources of ignition.

**Incompatibility (Materials to Avoid):** Acidic or alkaline conditions may cause product to decompose.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide and other irritating fumes.

## SECTION 6 - HEALTH HAZARD DATA

**Acute Effects of Overexposure:** May cause temporary irritation to the eyes, nose, throat and respiratory tract. Prolonged exposure to vapours can cause headache, dizziness, nausea and nervous system depression.

**Effects of Chronic Exposure:** May cause dermatitis with prolonged skin contact.

**Other Health Effects:** None Known

## SECTION 7 - FIRST AID PROCEDURES

**Inhalation:** Move victim to fresh air and restore breathing if required. OBTAIN MEDICAL ADVICE.

**Skin Contact:** Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek Medical Attention.

**Ingestion:** Give 1 to 2 glasses (200 to 500 ml) of water to dilute material. Do not induce vomiting. OBTAIN MEDICAL ADVICE. If vomiting occurs, have victim lean forward with head down to avoid breathing of vomitus.

**Eye Contact:** Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

## SECTION 8 - PREVENTIVE MEASURES

**Respiratory Protection:** None required for normal usage.

**Eye Protection:** None required for normal usage.

**Skin Protection:** None required for normal usage.

**Engineering Controls:** Local exhaust or ventilation

**Handling Procedures and Equipment:** Avoid breathing vapours, contact with eyes, skin and clothing. Wash thoroughly after use. Avoid contaminating food.

**Storage Requirements:** Store in cool, dry, well ventilated area. Keep out of reach of children and pets.

**Storage Temperature:** Min: 0 °C Max: 40 °C

## SECTION 9 - ENVIRONMENTAL PROTECTION DATA

**Spill and Leak Procedures:** Eliminate all ignition sources. Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste containers for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

**Waste Disposal:** Dispose of empty container with household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

**Environmental Effects:** This product is toxic to fish and wildlife. Do not contaminate local water supplies or environments.

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**Prepared by:** Technical Department

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