

MATERIAL SAFETY DATA SHEET

SECTION I - COMPANY AND PRODUCT INFORMATION

PRODUCT NAME: PYRELLIN E.C.
CHEMICAL NAME OR SYNONYM: N/A

PRODUCT DESCRIPTION: BOTANICAL INSECTICIDE

MANUFACTURER: Webb Wright Corporation
P.O. Box 1572
Fort Myers, FL 33902

TELEPHONE: 941-283-4400
SHIPPING DESCRIPTION: Class 60 (Not D.O.T. Regulated)
DATE PREPARED: 02/09/00

SECTION II - HAZARDOUS INGREDIENTS

CAS #	INGREDIENT	%	OSHA PEL	ACGIH TLV	NOTE
800-34-7	Pyrethrins	0.6	5 mg/cu m	5 mg/cu m	
83-79-4	Rotenone	0.5	5 mg/cu m	5 mg/cu m	

SECTION III - PHYSICAL DATA

BOILING POINT: N/A
FREEZING POINT: -4°F
VAPOR DENSITY: Unknown
VAPOR PRESSURE: N/A
SPECIFIC GRAVITY: 20°C=0.935

SOLUBILITY: Emulsifies in water; is oil soluble
PER CENT VOLATILES: Approximately 3%
APPEARANCE: Clear light orange
ODOR: Natural medicinal odor

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT: 178° F (Tag Closed Cup).

EXPLOSIVE LIMIT: N/A - Not considered to be potentially explosive.

EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical.

HAZARDOUS DECOMPOSITION PRODUCTS: Unknown.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires. Water may not be effective for fighting fires. Water may be used to keep fire-exposed containers cool until fire is out.

SPECIAL FIRE & EXPLOSION HAZARDS: None

SECTION V - HEALTH HAZARD DATA

OCCUPATIONAL EXPOSURE LIMIT: Not established.

CARCINOGENICITY: Not established, but the ingredients are not considered carcinogenic.

PRIMARY ROUTES OF ENTRY: Skin, inhalation.

SYMPTOMS AND EFFECTS OF OVEREXPOSURE	ROUTE OF ENTRY	EMERGENCY AND FIRST AID PROCEDURES
Vapors may cause irritation and blurred vision. Liquids and mists will irritate and may burn the eyes, possibly causing permanent damage.	EYES	Immediately flush with large amounts of water for at least 15 minutes. If irritation persists, get medical attention.
Prolonged or repeated exposure can cause irritation and reddening of the skin. Pre-existing skin disorders may be aggravated.	SKIN	Immediately flush affected areas with water. Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, get medical attention.
Irritation of nose, throat, respiratory tract (pre-existing lung disorders, e.g. asthma-like conditions may be aggravated).	INHALATION	Remove affected person to fresh air. Give oxygen, if necessary. If breathing has stopped, administer artificial respiration and get medical attention immediately.
Gastrointestinal irritation, resulting in nausea, cramps, diarrhea and vomiting. Can also cause nervous system disorders, such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness.	INGESTION	Seek medical attention immediately. If person is drowsy or unconscious, do not give anything by mouth; place individual on left side with head down.

Acute Oral Toxicity - LD(50) = 1620 mg/kg (rats)

SECTION VI - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Unknown

INCOMPATIBILITY (CONDITIONS TO AVOID): Heat, acidic or alkaline conditions may cause this product to breakdown. Contact with strong oxidizing agents may produce an explosive mixture.

-CONTINUED ON BACK-

SECTION VII - SPILL OR LEAK PROCEDURES

SMALL SPILLS: Absorb liquid with vermiculite, floor absorbent or other absorbent material.

LARGE SPILLS: Eliminate all ignition sources and ventilate the area. Persons not wearing protective clothing should be excluded from the area until the clean-up is completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. This product is extremely toxic to fish. If runoff occurs notify authorities as required. Transfer spilled material to containers for recovery. Absorb unrecoverable material. Transfer contaminated absorbent, soil and other materials to containers for disposal.

WASTE DISPOSAL METHOD: Dispose according to local, state and federal regulations.

RCRA/CERCLA HAZARDOUS WASTE: This product contains:

Ingredient	RCRA No.	CERCLA RQ-Value
Pyrethrins	--	1 lb.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

EYE PROTECTION: OSHA-approved safety glasses, goggles or face shield.

PROTECTIVE CLOTHING: To prevent repeated or prolonged skin contact wear impervious clothing and boots.

PROTECTIVE GLOVES: Wear resistant gloves such as butyl rubber or barrier laminate

VENTILATION: Mechanical ventilation should be used when handling this product in enclosed spaces.

RESPIRATORY PROTECTION: In the absence of proper ventilation, use a respirator approved by NIOSH/MSHA for use with pesticides and organic solvents.

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS

Emptied containers of this product may be hazardous before they are triple-rinsed (or equivalent) since they contain product residues. All hazard precautions in this data sheet should be observed with such containers.

NOTICE: The information herein is given by Webb Wright Corporation in good faith, but no warranty, expressed or implied is made.