



McLaughlin Gormley King Company

PRODUCT CODE: 007461

MATERIAL SAFETY DATA SHEET

EVERGREEN® Pyrethrum Dust

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Revision Date: 9/14/2011

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT CODE:	007461, EPA REG. NO. : 1021-1871		
PRODUCT NAME:	EVERGREEN® Pyrethrum Dust		
PRODUCT DESCRIPTION:	An insecticide dust/powder.		
CHEMICAL NAME:	Mixture		
MANUFACTURER:	McLaughlin Gormley King Company, 8810 Tenth Avenue North, Minneapolis MN. 55427		
TELEPHONE M-F, 8:00-4:30 CST, 14:00-22:30 GMT:	(800) 645-6466 or (763) 544-0341		
MSDS & Product Information, 8:00-4:30 CST, 14:00-22:30 GMT:	(800) 645-6466 or (763) 544-0341		
CHEMTREC U.S. and CANADA:	(800)-424-9300	CHEMTREC (ALL OTHER AREAS):	(703) 527-3887
For MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day to: 1-888-740-8712 in U.S and CANADA or 952-852-9509 from all other areas			

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS: EMERGENCY OVERVIEW

CAUTION. Harmful if absorbed through the skin. Avoid contact with skin, eyes, and clothing. Wear a long-sleeved shirt and long pants, shoes and socks.

EYES:	Airborne dusts may cause temporary irritation, tearing, and blurred vision.
SKIN:	May cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).
SKIN ABSORPTION:	Harmful if absorbed through the skin.
INGESTION:	May be harmful if swallowed.
INHALATION:	Inhalation of airborne dusts may cause nasal and respiratory irritation.
CHRONIC EFFECTS:	None known.
Carcinogenicity/ Oncogenicity: Pyrethrins	Carcinogenicity/ Oncogenicity –Slightly elevated incidences of benign tumors of the thyroid and liver were seen in rats following lifetime administration of high doses of Pyrethrins. Further detailed scientific studies into the mode of action responsible for these effects show that: <ul style="list-style-type: none"> • Because of biological species differences, the rat thyroid tumors are not relevant to humans; • The rat liver tumors occur in animals <i>only</i> at doses greatly exceeding human exposure levels and that cause cell proliferation (mitogenesis). <p>Based on these data, the USEPA has classified Pyrethrins as “Not Likely to be Carcinogenic to Humans” at doses that do not cause a mitogenic response in the liver/cell proliferation.” Thus, Pyrethrins can be considered to be non-carcinogenic at exposure levels relevant to human use of Pyrethrins-containing products.</p>

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT(s)	CAS #	EXPOSURE LIMITS	SARA Title III Sec. 313 de minimus conc.	% BY WEIGHT
Pyrethrins	008003-34-7	5 mg/m ³ (OSHA, ACGIH)	Not Applicable	1.00
Amorphous Silica	007631-86-9	20 ppm, 80 mg/m ³ (OSHA-TWA)	Not Applicable	10←→15
Calcium Sulfate	010101-41-4	10 mg/m ³ (ACGIH-TWA)	Not Applicable	50←→85
PEL = Permissible Exposure Limits. TLV = Threshold Limit Value.		TWA = Time Weighted Average (8 hr). STEL = Short Term Exposure Limit (15 min.).		
COMMENTS: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.				

4. FIRST-AID MEASURES

FIRST AID PROCEDURES:

EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
SKIN:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
INHALATION:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
INGESTION:	Immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIANS:	For skin effects, a highly efficient therapeutic agent for Pyrethrin exposure is topical application of Tocopherol Acetate (Vitamin E).



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5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: >200 °F/ >93.3 °C **METHOD:** TAG Closed Cup

This product is classified as a Non-Combustible solid.

LOWER FLAMMABLE LIMIT: not established. **UPPER FLAMMABLE LIMIT:** not established.

AUTOIGNITION TEMPERATURE: not established.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions this product may support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

EXTINGUISHING MEDIA: Foam, carbon dioxide, or dry chemical.

FIRE FIGHTING INSTRUCTIONS: Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water spray. Contain the run-off, if possible, for proper disposal.

6. ACCIDENTAL RELEASE MEASURES:

SMALL SPILL: Contain the spill (prevent this product from reaching surface waters or other water supplies). Sweep up the spill with sweeping compound and transfer into waste containers for disposal. Clean the spill area with detergent and water.

LARGE SPILL: Contain the spill (prevent this product from reaching surface waters or other water supplies). Sweep up the spill with sweeping compound and transfer into waste containers for disposal. Clean the spill area with detergent and water.

WASTE DISPOSAL METHOD: Contains pyrethrins, which are toxic to fish and aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state, and federal regulations.

INGREDIENT	RCRA ID#:	CERCLA RQ-VALUE
Pyrethrins	N/a	1 Lb.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not use or store near heat, sparks, open flame, or any other ignition sources.

HANDLING: Avoid contact with skin, eyes, and clothing. Wear a long-sleeved shirt and long pants, shoes and socks. Do not contaminate water, food, or feed by storage, handling or disposal. Read and observe all precautions and instructions on the label.

STORAGE: Keep this product in its tightly closed original container, when not in use. Store in a cool, dry, well-ventilated (preferably locked) area that is inaccessible to children and animals, and away from food and pet food. **KEEP OUT OF REACH OF CHILDREN.**

WORK HYGIENIC PRACTICES: **DO NOT SMOKE, EAT, DRINK OR APPLY COSMETICS IN WORK AREA!** Wash Promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: Not established by OSHA or ACGIH (see Section 3 for individual components).

ENGINEERING CONTROLS: Turn off all vents and blowers. Do not enter or allow others to enter until dusts have settled.

RESPIRATORY PROTECTION: Not required.

SKIN PROTECTION: Take prudent precautions to avoid contact with skin and clothing. Wear a long-sleeved shirt and long pants, shoes and socks.

EYE PROTECTION: Take prudent precautions to avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Off-white colored powder.	MELTING POINT:	Not available
ODOR:	Slight odor of pyrethrum.	SOLUBILITY IN WATER:	Immiscible in water.
PHYSICAL STATE:	Free-flowing powder.	SPECIFIC GRAVITY:	Not available
VAPOR PRESSURE:	Not available	COLOR, (GARDNER):	Not available
VAPOR DENSITY:	Heavier than air.	pH:	Not applicable; Product not miscible in water.
BOILING POINT:	Not available	VISCOSITY:	Not determined
VOC:	<1%	REFRACTIVE INDEX:	Not available
BULK DENSITY:	Packed Density = 0.64 g/cm ³ Un-packed Density = 0.37 g/cm ³		

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable. **INCOMPATIBILITY:** Strong acidic or alkaline materials.

HAZARDOUS DECOMPOSITION PRODUCTS: NO, NO₂, CO, CO₂ gases **HAZARDOUS POLYMERIZATION:** Will not occur.

11. OTHER INFORMATION

HMIS RATINGS:

We assign HMIS ratings to this product based on the hazards of its ingredient(s). Since the customer is most aware of the applications and conditions of use, he must ensure that the proper personal protective equipment is provided consistent with information contained in Section's 7 and 8 of this MSDS.

HMIS RATINGS:	Health	1
	Flammability	1
	Reactivity	1

The data contained herein are based on information currently available to McLaughlin Gormley King Company and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which McLaughlin Gormley King Company assumes legal responsibility.

Material Safety Data Sheet prepared by T. Azzivitto