



# MATERIAL SAFETY DATA SHEET

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REGISTRATION # 23352

REVISION DATE: NOVEMBER 1, 2017

EMERGENCY PHONE NUMBER 24 HR - CHEMTREC: 1-800-424-9300 CANADA

## 1- CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME ; Exterminator PM57  
PRODUCT DESCRIPTION : Insecticide Dust  
ACTIVE INGREDIENTS: Pyrethrins - Piperonyl Butoxide  
SYNONYMS : Pyroicide Intermediate --Natural Diatomaceous Earth  
MANUFACTURER : **PUROGUARD INSECTICIDES LTD**  
264, Querbes, Vaudreuil- Dorion, QC. J7V1J7  
Tel/FAX: 450-455-7402

## 2 - HAZARDOUS IDENTIFICATION



### CAUTION - POTENTIAL HEALTH EFFECTS

**EXPOSURE ROUTES:** Eye contact. Skin absorption. Ingestion. | Inhalation

**EYES** Moderate eye irritation.  
**SKIN** Harmful if absorbed through skin. May cause slight irritation.  
**INGESTION:** Harmful if swallowed.  
**INHALATION:** Inhalation may cause irritation of nasal passages.

**CHRONIC EFFECTS:** See Note Section 16

## 3 - COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS #	% BY WT.
PYRETHRINS	8003-34-7	0.20
PIPERONYL BUTOXIDE	51-03-06	1.00
NATURAL DIATOMACEOUS EARTH	61790-53-2 (containing less than 1% quartz)	100.00
TALLOW ALKYLAMINES ETHOXYLATE	61791-26-2	90-100

## 4- FIRST AID MEASURES

**EYES** Flush eyes with running water for 15 minutes. If irritation persists, get medical attention.  
**SKIN** Flush skin with running water and thoroughly wash with soap and water. If irritation persists, get medical attention.  
**INHALATION:** Remove affected person to fresh air. Give oxygen, if necessary, if breathing has stopped administer artificial respiration and seek medical attention, if symptoms persist.  
**INGESTION:** If swallowed, drink 1 or 2 glasses of water. Do not induce vomiting or give anything by mouth to an unconscious person. Seek medical attention.

## 5- FIRE FIGHTING MEASURES

**FLASH POINT:** Not applicable  
**FLAMMABLE LIMITS:** Not applicable  
**EXTINGUISHING MEDIA:** Non-flammable  
**FIRE FIGHTING INSTRUCTIONS:** Non-flammable



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## 6- ACCIDENTAL RELEASE MEASURES:

**SPILLS OR LEAKS:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface.

**WASTE DISPOSAL METHOD:** Disposed of according to local state and federal regulations.

## 7, HANDLING AND STORAGE

**HANDLING:** Wear rubber gloves. Wear an OSHA-approved safety glasses, goggles or face shield. Mechanical ventilation should be used when handling this product in enclosed spaces. Avoid breathing mists. Wearing a respirator is not required when using this product, but recommended in absence of proper ventilation. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the label.

**STORAGE:** Carcinogenic, teratogenic or mutagenic materials should be stored in a separate locked safety storage cabinet or room.

## 8- EXPOSURE CONTROLS/ PERSONAL PROTECTION

**EXPOSURE LIMITS:** Not established by OSHA or ACGIH

**ENGINEERING CONTROLS:** Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

**RESPIRATORY PROTECTION:** Wear a NIOSH approved organic vapor respirator in absence of proper ventilation.

**SKIN PROTECTION:** Wear rubber gloves and protective clothing.

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

## 9- PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Solid

**ODOR:** No odor

**PHYSICAL STATE:** Dust

**VAPOR PRESSURE:** Weighted average : 0 mm of Hg (@20C)

**VAPOR DENSITY:** Not established

**BOILING POINT:** Not established

**MELTING POINT:** Diatomaceous Earth: 1723C (3133.4F) base on data for Cristobalite.  
Weighted average : 1708.62C (3107.5F)

**SOLUBILITY IN WATER:** Very slightly soluble in cold water.

**SPECIFIC GRAVITY:** 2,3 (Water = 1)

## 10- STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable

**HAZARDOUS DECOMPOSITION PRODUCT:** Not applicable



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## 11- TOXICOLOGICAL INFORMATION

### ACUTE STUDIES:

**HUMANS:** There is no known effect from acute over-exposure to this product . However, in light of good industrial hygiene, exposure to any chemical should be to a minimum.

### CHRONIC;

**CARCINOGENICITY;** None of the components present in this material at concentrations equal to or greater than 0,1% are listed by IARC, OSHA or ACGIH as being carcinogens.

## 16- OTHER INFORMATION

**NOTE:** NATURAL DIATOMACEOUS EARTH (uncalcinated) containing less than 1% quartz  
2015 SIDMUT CLASSIFICATION - This product is not an hazardous product.

### HMS RATINGS:

Health	1
Flammability	0
Physical hazard	0

The data contained herein is based on information currently available from MGK, L.V.Lomas and Akzo Nobel Chemicals , and believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which Puroguard Company assumes legal responsibility.