


**GARDEX CHEMICALS LTD.**  
**7 MERIDIAN RD.**  
**ETOBICOKE, ONTARIO**  
**M9W 4Z6**  
**TEL: (416) 675-1638 FAX: (416) 798-1647**

**SAFETY DATA SHEET**  
**PYRETHRIN 5-25**  
 DATE PREPARED: December 20, 2020

**SECTION 1**  
**PRODUCT IDENTIFICATION AND USE**

<b>PRODUCT NAME:</b>	PYRETHRIN 5-25
<b>CHEMICAL FAMILY:</b>	BOTANICAL & SYNERGIST
<b>CHEMICAL NAME &amp; SYNONYMS:</b>	PYRETHRINS & PIPERONYL BUTOXIDE
<b>TRADE NAME:</b>	SYNERGIZED PYRETHRINS
<b>AREA OF USE:</b>	INDOOR CONTACT INSECTICIDE
<b>FOR TRANSPORTATION EMERGENCIES</b>	CANUTEC 1-613-996-6666
<b>FOR MEDICAL EMERGENCIES</b>	911
<b>EMAIL:</b>	contact@gardexinc.com

**SECTION 2**  
**HAZARDS**

HAZARDS		
<p>This pesticide is regulated by the Pesticide Control Act and as such has not been classified and is exempt under the Hazardous Products Act and WHMIS. It is considered Hazardous according to 29 CFR 1910.1200</p> <p><b>Acute toxicity: Category 4</b>                      <b>Skin Sensitizer: Category 1</b></p> <p><b>WARNING</b></p> <div style="text-align: center;">  </div> <p><b>Statement:</b></p> <p><b>H332 – Harmful if Inhaled</b>  <b>H317 – May cause allergic skin reaction</b></p>		
Appearance	Clear to amber	
Physical State	Liquid	
Odor	Slight aromatic solvent	

## SECTION 2

### HAZARDS (CONT.)

Precautionary Statements: Prevention

P261 – Avoid breathing vapors or mist  
P271 – Use only outdoors or in well ventilated areas  
P280 – Wear chemical resistant gloves

Precautionary Statements: Response

P302+P352 – If on skin wash with plenty of warm  
P333+P313 – If skin irritation or rash occurs seek medical attention  
P363 – Wash contaminated clothing  
P304+P340 – IF INHALED remove victim to fresh air and keep at rest in a comfortable position for breathing

Precautionary Statements: Storage

P404- Store in a closed container

Precautionary Statement: Disposal

P501 – Dispose of contents/container per the Provincial regulations

## SECTION 3 HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CURRENT TLV <sup>1</sup>
PYRETHRINS	0.5	LD50>1800 MG/KG
PIPERONYL BUTOXIDE	2.5	LD50 7500 MG/KG
PETROLEUM SOLVENT (ISOPARAFFIN)	97.0	300 PPM

## SECTION 4 FIRST AID MEASURES

**FIRST AID: If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor.

Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**If in 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 centre or doctor for treatment advice.

**SECTION 5  
FIRE AND EXPLOSION DATA**

<b>FLASH POINT:</b> 45.0° C (T.C.C.)	<b>FLAMMABLE LIMIT:</b> Lel <sup>2</sup> N/E Uel <sup>3</sup> N/E	<b>EXTINGUISHING MEDIA:</b> DRY CHEMICAL, FOAM, CO <sub>2</sub> , FOG, WATER
<b>SPECIAL FIRE-FIGHTING PROCEDURES, UNUSUAL FIRE OR EXPLOSION HAZARDS:</b> EVACUATE HAZARD AREA. WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL FIRE EXPOSED CONTAINERS WITH WATER. HANDLE AS A FLAMMABLE LIQUID FIRE.		

**SECTION 6  
ACCIDENTAL RELEASE MEASURES**

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b> ELIMINATE ALL SOURCES OF IGNITION. CONTAIN SPILL WITH ABSORBANT MATERIAL. SHOVEL MATERIAL INTO DISPOSAL CONTAINER. DECONTAMINATE AREA WITH SOLUTION OF BLEACH, LYE OR CAUSTIC SODA. REPEAT WITH DETERGENT SOLUTION.
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**SECTION 7  
HANDLING & STORAGE**

<b>STORAGE TEMPERATURE (OPTIMUM):</b> 16 – 20 deg. C	<b>AVERAGE SHELF LIFE:</b> 5 YRS
<b>SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE):</b> KEEP AWAY FROM SOURCES OF HEAT AND IGNITION.	
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:</b> STORE IN COOL, DRY, LOCKED AREA.	

**SECTION 8  
PPE SPECIAL PROTECTION DATA**

<b>RESPIRATOR TYPE:</b> SUITABLE FOR ORGANIC VAPOURS OR USE IN WELL-VENTILATED AREAS.	
<b>EYE PROTECTION:</b> GOGGLES	<b>GLOVES:</b> NEOPRENE
<b>OTHER PROTECTIVE EQUIPMENT:</b>	

**SECTION 9  
PHYSICAL DATA**

<b>PHYSICAL STATE:</b> LIQUID	<b>APPEARANCE:</b> LIGHT AMBER	<b>ODOUR:</b> SOLVENT ODOUR	<b>SPECIFIC GRAVITY:</b> 0.801 Kg/L
<b>VAPOUR DENSITY:</b> N.E.	<b>SOLUBILITY IN WATER:</b> SLIGHT	<b>MELT POINT:</b> N.E.	
<b>VAPOUR PRESSURE:</b> N.E.	<b>% VOLATILE BY VOLUME:</b> 100	<b>BOILING POINT:</b> N.E.	

**SECTION 10  
REACTIVITY DATA**

<b>STABILITY:</b> STABLE	<b>CONDITIONS TO AVOID:</b> EXCESSIVE HEAT
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> AVOID ALKALINE MATERIALS	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	

**SECTION 11  
TOXICITY DATA**

<b>LD50, ORAL (INGESTION):</b> >1800Mg/Kg (PYRETHRINS 100%)	<b>LD50, DERMAL (SKIN CONTACT):</b> 1800 Mg/Kg (PYRETHRIN)	<b>LC50, INHALATION:</b> N.E.
<b>FISH, LC50:</b> TOXIC TO FISH	<b>TLV (UNITS) (THRESHOLD LIMIT VALUE):</b> 0.1mg/m <sup>3</sup>	<b>SKIN IRRITATION:</b> IRRITATION PROLONGED EXPOSURE
<b>EFFECTS TO EYE:</b> IRRITATION BY SOLVENT	<b>EFFECTS TO LUNG:</b> IRRITATION TO MEMBRANES	
<b>EMERGENCY AND FIRST AID PROCEDURES, EFFECTS OF OVER EXPOSURE:</b> PERSONS WITH A HISTORY OF ALLERGY OR ASTHMA MAY BE SENSITIVE TO PYRETHRINS. INGESTION OR INHALATION MAY CAUSE IRRITATION OF MUCUS MEMBRANES. DO NOT INDUCE VOMITING DUE TO POSSIBLE ASPIRATION OF SOLVENT INTO LUNGS. SEEK MEDICAL TREATMENT. <b>IN EYES</b> - FLUSH WITH WATER FOR 15 MINUTES. <b>DERMAL</b> - IRRITATION FROM PROLONGED EXPOSURE - WASH WITH SOAP & WATER.		

**SECTION 12  
ECOLOGICAL DATA**

<p><b>TOXIC TO FISH AND WILDLIFE:</b></p> <p>AVOID CONTAMINATION OF WATERWAYS, STANDING WATER OR MEANS OF RUN-OFF.</p>	<p><b>ENVIRONMENTAL PRECAUTIONS:</b></p> <p>This product contains a petroleum distillate, which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.</p>
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### SECTION 13 WASTE DISPOSAL

<p><b>DISPOSAL:</b></p> <ol style="list-style-type: none"> <li>1. Triple or pressure rinse the empty container. Add the rinsate to the spray mixture in the tank.</li> <li>2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.</li> <li>3. Make the empty container unsuitable for further use.</li> <li>4. Dispose of the container in accordance with provincial requirements.</li> <li>5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean up of spills.</li> </ol> <p>FOLLOW LOCAL PROVINCIAL AND GOVERNMENT REGULATIONS ON DISPOSAL OR RECYCLING OF CONTAINER.</p>
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### SECTION 14 SHIPPING DATA

<b>T.D.G. ACT SHIPPING NAME:</b> N/A			
<b>CLASSIFICATION:</b> N/A	<b>UN/NA NO. :</b> N/A	<b>PACKING GROUP:</b> N/A	<b>PLACARDS REQUIRED:</b> N/A
<b>TECHNICAL SHIPPING NAME:</b> PYRETHRINS			
<b>TRANSPORTATION EMERGENCY TELEPHONE NO.:</b> 1-800-561-7302 EXT. 500			
<b>PREPARED BY:</b> GARDEX CHEMICALS LTD.	<b>PHONE NUMBER:</b> (416) 675-1638	<b>DATE:</b> FEBRUARY 1, 2005	

### SECTION 15 REGULATORY INFORMATION

<p>THIS PRODUCT IS REGULATED BY THE PMRA PEST CONTROL PRODUCTS ACT. PCP # 9371</p> <p>READ THE LABEL BEFORE USING</p>
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### SECTION 16 OTHER

<p>This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of GARDEX CHEMICALS LTD. The data on this sheet relates only to the specific material designated herein. GARDEX CHEMICALS LTD. assumes no legal responsibility for use or reliance upon this data.</p>
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<sup>1</sup> Threshold Limit Value  
<sup>2</sup> Lower Explosion Limit  
<sup>3</sup> Upper Explosion Limit

N.E. = NOT ESTABLISHED N.A. = NOT APPLICABLE A.I. = ACTIVE INGREDIENT