



Section 1. Product and Company Identification

**Product Name** Pyrantel Pamoate  
**CAS Number** 22204-24-6

**Parchem - fine & specialty chemicals**  
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**New Rochelle, NY 10801**  
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CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
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Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**  
Not classified as a hazardous substance or mixture

**GHS Label Elements**  
**Pictograms:** N/A  
**Signal word:** N/A

**Hazard and precautionary statements:** None

**Hazards not otherwise classified (HNOC) or not covered by GHS:** None

**Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant), eye contact (irritant), ingestion, or inhalation.

**Potential Chronic Health Effects**

**Carcinogenic Effects:** Not available.

**Mutagenic Effects:** Mutagenic for bacteria and/or yeast.

**Teratogenic Effects:** Not available.

**Developmental Toxicity:** Classified Reproductive system/toxin/female [POSSIBLE]. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 3. Composition / Information on Ingredients

**Common Name** Pyrantel Pamoate  
**Synonym(s)** 2-Naphthoic acid, 4,4'-methylenebis(3-hydroxy-, acid,4,4'-compd. with (E) 1,4,5,6-tetrahydro-1-methyl-2-(2-(2-thienyl)vinyl)pyrimidine (1:1)  
**Formula**  $C_{34}H_{30}N_2O_6S$   
**CAS Number** 22204-24-6

COMPONENT	CAS NUMBER	CONCENTRATION
Pyrantel Pamoate	22204-24-6	100%

#### Section 4. First Aid Measures

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not available.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt, or waistband.

**Serious Ingestion:** Not available.

#### Section 5. Firefighting Measures

**Flammability of the Product:** May be combustible at high temperature.

**Auto-Ignition Temperature:** Not available.

**Flash Points (Closed Cup):** Higher than 93.3°C (200°F).

**Flammable Limits:** Not available.

**Products of Combustion:** These products are carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...), sulfur oxides (SO<sub>2</sub>, SO<sub>3</sub>...).

**Fire Hazards in Presence of Various Substances:** Slightly flammable to flammable in presence of open flames and sparks, of heat.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

#### Fire Fighting Media and Instructions

**Small Fire:** Use DRY chemical powder.

**Large Fire:** Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available.

#### Section 6. Accidental Release Measures

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.



**Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

#### Section 7. Handling and Storage

**Precautions:** Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.

**Storage:** Light Sensitive. Store in light-resistant containers. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 23°C (73.4°F).

#### Section 8. Exposure Controls / Personal Protection

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

**Personal Protection in Case of a Large Spill:** Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available.

#### Section 9. Physical and Chemical Properties

**Physical state and appearance:** Solid. (Solid crystalline powder.)

**Odor:** Not available.

**Taste:** Not available.

**Molecular Weight:** 594.69g/mole

**Color:** Yellow.

**pH (1% solution/water):** Not available.

**Boiling Point:** Not available.

**Melting Point:** Not available.

**Critical Temperature:** Not available.

**Specific Gravity:** Not available.

**Vapor Pressure:** Not applicable.

**Vapor Density:** Not available.

**Volatility:** Not available.

**Odor Threshold:** Not available.



**Water/Oil Dist. Coefficient:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not available.

**Solubility:** Not available.

#### Section 10. Stability and Reactivity

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Excess heat, incompatible materials

**Incompatibility with various substances:** Not available.

**Corrosivity:** Not available.

**Special Remarks on Reactivity:** Light Sensitive

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Will not occur.

#### Section 11. Toxicological Information

**Routes of Entry:** Inhalation. Ingestion.

##### Toxicity to Animals

**LD50:** Not available.

**LC50:** Not available.

##### Chronic Effects on Humans

**Mutagenic Effects:** Mutagenic for bacteria and/or yeast.

**Developmental Toxicity:** Classified Reproductive system/toxin/female [POSSIBLE].

**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

**Special Remarks on Toxicity to Animals:** Oral LD [rat]: > 24,000mg/kg

**Special Remarks on Chronic Effects on Humans:** May cause adverse reproductive effects (maternal fertility, fetotoxicity) based on animal data. May affect genetic material based on mutations in microorganisms.

##### Special Remarks on other Toxic Effects on Humans

###### Acute Potential Health Effects

**Skin:** May cause skin irritation.

**Eyes:** May cause eye irritation.

**Inhalation:** May irritate respiratory tract and mucous membranes.

**Ingestion:** May be harmful if swallowed. May cause gastrointestinal tract irritation. May affect behavior (somnolence, convulsions). May affect respiration. May affect liver. The toxicological properties of the substance have not been fully investigated.



Section 12. Ecological Information

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are less toxic than the product itself.

**Special Remarks on the Products of Biodegradation:** Not available.

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

Section 15. Regulatory Information

**Federal and State Regulations**

**TSCA 8(b) inventory:** Pyrantel Pamoate, USP

**Other Regulations**

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

**Other Classifications**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

**DSCL (EEC)**

R20/21/22- Harmful by inhalation, in contact with skin and if swallowed.

R61- May cause harm to the unborn child.

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27- Take off immediately all contaminated clothing.

S28- After contact with skin, wash immediately with plenty of soap and water.

S36/39- Wear suitable protective clothing and eye/face protection.



**HMIS (U.S.A.)**

**Health Hazard:** 1

**Fire Hazard:** 1

**Reactivity:** 0

**Personal Protection:** E

**National Fire Protection Association (U.S.A.)**

**Health:** 1

**Flammability:** 1

**Reactivity:** 0

**Specific hazard:**

**Protective Equipment:** Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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