

# SAFETY DATA SHEET

# spectrum®



Revision date 14-October-2022

Revision Number 2

## 1. Identification

### Product identifier

**Product Name** PERGOLIDE MESYLATE, USP

### Other means of identification

**Product Code(s)** P3682

**UN/ID no** UN2811

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** No information available

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

#### Supplier Address

Spectrum Chemical Mfg. Corp.  
14422 South San Pedro St.  
Gardena, CA 90248  
(310) 516-8000

### Emergency telephone number

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. Hazard(s) identification

### Classification

|                                   |             |
|-----------------------------------|-------------|
| Acute toxicity - Oral             | Category 2  |
| Serious eye damage/eye irritation | Category 2A |

### Hazards not otherwise classified (HNOC)

Not applicable

### Label elements

**Danger**

#### Hazard statements

Fatal if swallowed  
Causes serious eye irritation



**Appearance** Powder

**Physical state** Solid

**Odor** Odorless

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear eye protection/ face protection

**Precautionary Statements - Response**

Specific treatment (see .? on this label)  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF SWALLOWED: Immediately call a POISON CENTER or doctor  
Rinse mouth

**Precautionary Statements - Storage**

Store locked up.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

No information available.

### 3. Composition/information on ingredients

**Substance**

| Chemical name      | CAS No     | Weight-% |
|--------------------|------------|----------|
| Pergolide Mesylate | 66104-23-2 | 100      |

### 4. First-aid measures

**Description of first aid measures**

**General advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Inhalation**

Remove to fresh air.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

**Skin contact**

Wash skin with soap and water.

**Ingestion**

Get immediate medical advice/attention. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.

**Self-protection of the first aider**

Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed**

**Symptoms** May cause redness and tearing of the eyes. Burning sensation.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## **5. Fire-fighting measures**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** Carbon Monoxide, Carbon Dioxide. Nitrogen oxides (NO<sub>x</sub>). Sulfur oxides.

**Explosion data**

**Sensitivity to mechanical impact** none.

**Sensitivity to static discharge** none.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## **7. Handling and storage**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Sensitive to light. Store in light-resistant containers.

## **8. Exposure controls/personal protection**

**Control parameters**

**Exposure Limits** The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

#### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** If splashes are likely to occur, wear safety glasses with side-shields.

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

## **9. Physical and chemical properties**

#### Information on basic physical and chemical properties

**Physical state** Solid  
**Appearance** Powder  
**Color** White to Off-White  
**Odor** Odorless  
**Odor threshold** No information available

| <u>Property</u>                               | <u>Values</u>  | <u>Remarks • Method</u> |
|---|--|-------------------------|
| <b>pH</b>                                     | no data available  | None known              |
| <b>Melting point / freezing point</b>         | 225 °C / 437 °F  | None known              |
| <b>Boiling point / boiling range</b>          | no data available  | None known              |
| <b>Flash point</b>                            | no data available  | None known              |
| <b>Evaporation rate</b>                       | no data available  | None known              |
| <b>Flammability (solid, gas)</b>              | no data available  | None known              |
| <b>Flammability Limit in Air</b>              |  | None known              |
| <b>Upper flammability or explosive limits</b> | No data available  |                         |
| <b>Lower flammability or explosive limits</b> | No data available  |                         |
| <b>Vapor pressure</b>                         | No data available  | None known              |
| <b>Vapor density</b>                          | no data available  | None known              |
| <b>Relative density</b>                       | no data available  | None known              |
| <b>Water solubility</b>                       | Very slightly soluble in cold water  | None known              |
| <b>Solubility(ies)</b>                        | Sparingly soluble in Methanol<br>Slightly soluble in chloroform<br>Practically insoluble in Ether<br>Very slightly soluble in acetone<br>Slightly soluble in Dimethyl sulfoxide (DMSO) | None known              |
| <b>Partition coefficient</b>                  | No data available  | None known              |
| <b>Autoignition temperature</b>               | no data available  | None known              |
| <b>Decomposition temperature</b>              |  | None known              |
| <b>Kinematic viscosity</b>                    | no data available  | None known              |

Dynamic viscosity                      No data available                      None known

**Other information**

Explosive properties                      No information available  
Oxidizing properties                      No information available  
Softening point                      No information available  
Molecular weight                      No information available  
VOC Content (%)                      No information available  
Liquid Density                      No information available  
Bulk density                      No information available

**10. Stability and reactivity**

Reactivity                      No information available.  
Chemical stability                      Stable under recommended storage conditions.  
Possibility of hazardous reactions                      None under normal processing.  
Hazardous polymerization                      Hazardous polymerization does not occur.  
Conditions to avoid                      Heat. Exposure to light. dust formation.  
Incompatible materials                      Strong bases. Strong oxidizing agents.  
Hazardous decomposition products                      carbon oxides. Nitrogen oxides (NOx). Sulfur oxides.

**11. Toxicological information**

**Information on likely routes of exposure**

**Product Information**

**Inhalation**                      Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.  
**Eye contact**                      Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.  
**Skin contact**                      Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.  
**Ingestion**                      Specific test data for the substance or mixture is not available. Fatal if swallowed. (based on components). Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms**                      May cause redness and tearing of the eyes.

**Acute toxicity**

**Numerical measures of toxicity**

| Chemical name                    | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|----------------------------------|----------------------|-------------|-----------------|
| Pergolide Mesylate<br>66104-23-2 | = 8400 µg/kg ( Rat ) | -           | -               |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation**                      May cause skin irritation.

|  |  |
|--|--|
| <b>Serious eye damage/eye irritation</b> | Classification based on data available for ingredients. Causes serious eye irritation. |
| <b>Respiratory or skin sensitization</b> | No information available.  |
| <b>Germ cell mutagenicity</b>            | No information available.  |
| <b>Reproductive toxicity</b>             | No information available.  |
| <b>STOT - single exposure</b>            | No information available.  |
| <b>STOT - repeated exposure</b>          | No information available.  |
| <b>Aspiration hazard</b>                 | No information available.  |
| <b>Other adverse effects</b>             | No information available.  |
| <b>Interactive effects</b>               | No information available.  |

## 12. Ecological information

|                                      |   |
|--------------------------------------|---|
| <b>Ecotoxicity</b>                   | The environmental impact of this product has not been fully investigated. |
| <b>Persistence and degradability</b> | No information available.   |
| <b>Bioaccumulation</b>               | Inherently biodegradable.   |
| <b>Other adverse effects</b>         | No information available.   |

## 13. Disposal considerations

### Waste treatment methods

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.  |

## 14. Transport information

### DOT

|  |  |
|--|--|
| <b>UN/ID no</b>                        | UN2811   |
| <b>Proper Shipping Name:</b>           | Toxic solids, organic, n.o.s. (pergolide mesylate) |
| <b>Hazard class</b>                    | 6.1  |
| <b>Packing group:</b>                  | II   |
| <b>Description:</b>                    | UN2811, Toxic solids, organic, n.o.s., 6.1, PG II  |
| <b>Emergency Response Guide Number</b> | 154  |

### TDG

|                              |  |
|------------------------------|--|
| <b>UN-No:</b>                | UN2811   |
| <b>Proper Shipping Name:</b> | Toxic solid, organic, n.o.s.                     |
| <b>Hazard class</b>          | 6.1  |
| <b>Packing Group:</b>        | II   |
| <b>Description:</b>          | UN2811, TOXIC SOLID, ORGANIC, N.O.S., 6.1, PG II |

### MEX

not regulated

### ICAO (air)

|                              |  |
|------------------------------|--|
| <b>UN-No:</b>                | UN2811   |
| <b>Proper Shipping Name:</b> | Toxic solid, organic, n.o.s.                     |
| <b>Hazard class</b>          | 6.1  |
| <b>Packing Group:</b>        | II   |
| <b>Description:</b>          | UN2811, Toxic solid, organic, n.o.s., 6.1, PG II |

**IATA**

**UN number** UN2811  
**Proper Shipping Name:** Toxic solid, organic, n.o.s.  
**Transport hazard class(es)** 6.1  
**Packing group** II  
**Description:** UN2811, Toxic solid, organic, n.o.s., 6.1, PG II

**IMDG**

not regulated

**RID**

**UN number** UN2811  
**Proper Shipping Name:** Toxic solid, organic, n.o.s.  
**Transport hazard class(es)** 6.1  
**Packing group** II  
**Description:** UN2811 Toxic solid, organic, n.o.s., 6.1, II

**ADR**

**UN number** UN2811  
**Proper Shipping Name:** Toxic solid, organic, n.o.s.  
**Transport hazard class(es)** 6.1  
**Packing group** II  
**Description:** UN2811 Toxic solid, organic, n.o.s., 6.1, II

**ADN**

not regulated

**15. Regulatory information****International Inventories**

**TSCA** Not listed

**Note** \*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

**DSL/NDL** Does not Comply  
**EINECS/ELINCS** Does not Comply  
**ENCS** This product complies with ENCS:  
**IECSC** This product does not comply with china:  
**KECL** Does not Comply  
**PICCS** Does not Comply  
**AICS** This product does not comply with AICS

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. Other information****NFPA**

**Health hazards** 2

**Flammability** 0

**Instability** 0

**Physical and chemical properties** -

**HMIS**

**Health hazards** 2

**Flammability** 0

**Physical hazards** 0

**Personal protection** X

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         |      |                                  |

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program



Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date** 14-October-2022  
**Revision Note** No information available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**