

# SAFETY DATA SHEET



Revision date 08/09/2025

Revision Number 2

## 1. Identification

### Product identifier

**Product Name** Intercide ® ZnP Powder

### Other means of identification

**Safety data sheet number** ZNPPOWDER

**UN number or ID number** UN2811

**Synonyms** No information available

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

**Recommended use** Biocide

**Restrictions on use** No information available

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

#### Manufacturer Address

Valtris Specialty Chemicals  
7050 Krick Road  
Walton Hills OH 44146

### Emergency telephone number

**Emergency Telephone** CHEMTREC 1-800-424-9300  
CHEMTREC Contract No 717950

## 2. Hazard(s) identification

### Classification

|  |             |
|--|-------------|
| Acute toxicity - Oral                              | Category 3  |
| Acute toxicity - Dermal                            | Category 4  |
| Acute toxicity - Inhalation (Dusts/Mists)          | Category 2  |
| Serious eye damage/eye irritation                  | Category 1  |
| Reproductive toxicity                              | Category 1B |
| Specific target organ toxicity (repeated exposure) | Category 1  |
| Hazardous to the aquatic environment - acute       | Category 1  |
| Hazardous to the aquatic environment - chronic     | Category 1  |

### Hazards not otherwise classified (HNOC)

Not applicable

### Label elements



**Danger**

**Hazard statements**

Toxic if swallowed.  
 Harmful in contact with skin.  
 Fatal if inhaled.  
 Causes serious eye damage.  
 May damage fertility or the unborn child.  
 Causes damage to organs through prolonged or repeated exposure.  
 Very toxic to aquatic life with long lasting effects.

**Precautionary Statements - Prevention**

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Wear protective gloves, protective clothing, eye protection and face protection.  
 Wash face, hands and any exposed skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Do not breathe dust.  
 Use only outdoors or in a well-ventilated area.  
 Wear respiratory protection.

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or doctor.  
 IF ON SKIN: Wash with plenty of water and soap.  
 Call a POISON CENTER or doctor if you feel unwell.  
 Take off contaminated clothing and wash it before reuse.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Immediately call a POISON CENTER or doctor.  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 Rinse mouth.

**Precautionary Statements - Storage**

Store locked up.  
 Store in a well-ventilated place. Keep container tightly closed.

**Precautionary Statements - Disposal**

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

**Other information**

No information available.

**3. Composition/information on ingredients**

**Substance**

| Chemical name   | CAS No.    | Weight-%  | Trade secret |
|-----------------|------------|-----------|--------------|
| Zinc Pyrithione | 13463-41-7 | 90 - 100% | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First-aid measures**

**Description of first aid measures**

|   |   |
|---|---|
| <b>General advice</b>                     | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.   |
| <b>Inhalation</b>                         | If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Remove to fresh air. Do not breathe dust. If breathing is difficult, (trained personnel should) give oxygen. Get medical attention immediately if symptoms occur.   |
| <b>Eye contact</b>                        | Get immediate medical attention. 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.   |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. If symptoms persist, call a physician.  |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.  |
| <b>Self-protection of the first aider</b> | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe dust. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. |

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

|                            |  |
|----------------------------|--|
| <b>Symptoms</b>            | Coughing and/ or wheezing. Difficulty in breathing. Burning sensation.   |
| <b>Effects of Exposure</b> | May cause adverse reproductive effects - such as birth defect, miscarriages, or infertility. Causes damage to organs through prolonged or repeated exposure. |

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

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. Fire-fighting measures**

|   |   |
|---|---|
| <b>Suitable Extinguishing Media</b>               | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| <b>Unsuitable extinguishing media</b>             | Do not scatter spilled material with high pressure water streams.                                       |
| <b>Specific hazards arising from the chemical</b> | No information available.   |
| <b>Explosion data</b>                             |   |
| <b>Sensitivity to mechanical impact</b>           | None.   |
| <b>Sensitivity to static discharge</b>            | None.   |
| <b>Special protective equipment and</b>           | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.         |

precautions for fire-fighters Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Avoid generation of dust. Do not breathe dust. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**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.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 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 breathe dust. Avoid generation of dust. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not breathe dust. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Contaminated work clothing must not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

### Conditions for safe storage, including any incompatibilities

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

## 8. Exposure controls/personal protection

### Control Parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations

Ventilation systems.

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

|                                 |  |
|---------------------------------|--|
| <b>Eye/face protection</b>      | Tight sealing safety goggles.  |
| <b>Hand protection</b>          | Wear suitable gloves.  |
| <b>Skin and body protection</b> | Wear suitable protective clothing. Long sleeved clothing.  |
| <b>Respiratory protection</b>   | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. |

**9. Physical and chemical properties**

**Information on basic physical and chemical properties**

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Solid                    |
| <b>Appearance</b>     | Powder                   |
| <b>Color</b>          | Tan                      |
| <b>Odor</b>           | No information available |
| <b>Odor threshold</b> | No information available |

| <u>Property</u>                                | <u>Values</u>     | <u>Remarks • Method</u> |
|--|-------------------|-------------------------|
| <b>pH</b>                                      | No data available |                         |
| <b>pH (as aqueous solution)</b>                |                   |                         |
| <b>Melting point / freezing point</b>          | No data available |                         |
| <b>Initial boiling point and boiling range</b> | No data available |                         |
| <b>Flash point</b>                             | No data available |                         |
| <b>Evaporation rate</b>                        | No data available |                         |
| <b>Flammability</b>                            | No data available |                         |
| <b>Flammability Limit in Air</b>               |                   |                         |
| <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 |                         |
| <b>Relative vapor density</b>                  | No data available |                         |
| <b>Relative density</b>                        | No data available |                         |
| <b>Water solubility</b>                        | No data available |                         |
| <b>Solubility(ies)</b>                         | No data available |                         |
| <b>Partition coefficient</b>                   | No data available |                         |
| <b>Autoignition temperature</b>                | No data available |                         |
| <b>Decomposition temperature</b>               |                   |                         |
| <b>Kinematic viscosity</b>                     | No data available |                         |
| <b>Dynamic viscosity</b>                       | No data available |                         |

**Other information**

|                             |                          |
|-----------------------------|--------------------------|
| <b>Explosive properties</b> | No information available |
| <b>Oxidizing properties</b> | No information available |
| <b>Softening point</b>      | No information available |
| <b>Molecular weight</b>     |                          |
| <b>VOC content</b>          | No information available |
| <b>Liquid Density</b>       | No information available |
| <b>Bulk density</b>         | No information available |

**10. Stability and reactivity**

|                   |                           |
|-------------------|---------------------------|
| <b>Reactivity</b> | No information available. |
|-------------------|---------------------------|

|   |  |
|---|--|
| <b>Chemical stability</b>                 | Stable under normal conditions.                      |
| <b>Possibility of hazardous reactions</b> | None under normal processing.                        |
| <b>Conditions to avoid</b>                | Excessive heat.                                      |
| <b>Incompatible materials</b>             | Strong acids. Strong bases. Strong oxidizing agents. |
| <b>Hazardous decomposition products</b>   | None known based on information supplied.            |

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. Fatal if inhaled. (based on components).  |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.   |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. May cause irritation. May be absorbed through the skin in harmful amounts. Harmful in contact with skin. (based on components). |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Toxic if swallowed. (based on components).      |

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

|                       |  |
|-----------------------|--|
| <b>Symptoms</b>       | Coughing and/ or wheezing. Difficulty in breathing. Redness. Burning. May cause blindness. |
| <b>Acute toxicity</b> | Fatal if inhaled. Toxic if swallowed. Harmful by skin contact.                             |

#### Numerical measures of toxicity

#### Component Information

| Chemical name                 | Oral LD50           | Dermal LD50          | Inhalation LC50             |
|-------------------------------|---------------------|----------------------|-----------------------------|
| Zinc Pyrithione<br>13463-41-7 | = 177 mg/kg ( Rat ) | > 2000 mg/kg ( Rat ) | 0.05 - 0.5 mg/L ( Rat ) 4 h |

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

|  |  |
|--|--|
| <b>Skin corrosion/irritation</b>         | May cause skin irritation.   |
| <b>Serious eye damage/eye irritation</b> | Classification based on data available for ingredients. Causes burns. Causes serious eye damage. |
| <b>Respiratory or skin sensitization</b> | No information available.  |
| <b>Germ cell mutagenicity</b>            | No information available.  |

|                                 |   |
|---------------------------------|---|
| <b>Carcinogenicity</b>          | No information available.   |
| <b>Reproductive toxicity</b>    | Classification based on data available for ingredients. May damage fertility or the unborn child. |
| <b>STOT - single exposure</b>   | No information available.   |
| <b>STOT - repeated exposure</b> | Causes damage to organs through prolonged or repeated exposure.                                   |
| <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>                   | Very toxic to aquatic life with long lasting effects. |
| <b>Persistence and degradability</b> | No information available.                             |

**Bioaccumulative potential**

**Component Information**

| Chemical name                 | Partition coefficient |
|-------------------------------|-----------------------|
| Zinc Pyrithione<br>13463-41-7 | 0.9                   |

|                              |                           |
|------------------------------|---------------------------|
| <b>Other adverse effects</b> | No information available. |
|------------------------------|---------------------------|

**13. Disposal considerations**

**Disposal 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.  |
| <b>California Hazardous Waste Status</b>   | This product contains one or more substances that are listed with the State of California as a hazardous waste. |

**14. Transport information**

**DOT**

|  |   |
|--|---|
| <b>UN number or ID number</b>          | UN2811  |
| <b>Proper shipping name</b>            | Toxic solids, organic, n.o.s.   |
| <b>Transport hazard class(es)</b>      | 6.1   |
| <b>Packing group</b>                   | III   |
| <b>Special Provisions</b>              | IB8, IP3, T1, TP33  |
| <b>DOT Marine Pollutant</b>            | I   |
| <b>Marine pollutant</b>                | Zinc Pyrithione   |
| <b>Description</b>                     | UN2811, Toxic solids, organic, n.o.s., 6.1, III, Marine pollutant (Zinc Pyrithione) |
| <b>Emergency Response Guide Number</b> | 154   |

**IATA**

|                                   |   |
|-----------------------------------|---|
| <b>UN number or ID number</b>     | UN2811  |
| <b>UN proper shipping name</b>    | Toxic solid, organic, n.o.s.  |
| <b>Transport hazard class(es)</b> | 6.1   |
| <b>Packing group</b>              | III   |
| <b>Description</b>                | UN2811, Toxic solid, organic, n.o.s.(Zinc Pyrithione), 6.1, III, Marine pollutant |
| <b>Special Provisions</b>         | A3, A5  |
| <b>ERG Code</b>                   | 6L  |

**IMDG**

|                                   |  |
|-----------------------------------|--|
| <b>UN number or ID number</b>     | UN2811   |
| <b>UN proper shipping name</b>    | Toxic solid, organic, n.o.s.   |
| <b>Transport hazard class(es)</b> | 6.1  |
| <b>Packing group</b>              | III  |
| <b>EmS-No.</b>                    | F-A, S-A   |
| <b>Special Provisions</b>         | 223, 274   |
| <b>Marine pollutant</b>           | P  |
| <b>Marine Pollutant</b>           | Zinc Pyrithione  |
| <b>Description</b>                | UN2811, Toxic solid, organic, n.o.s. (Zinc Pyrithione), 6.1, III, Marine pollutant |

## 15. Regulatory information

**International Inventories**

|                      |   |
|----------------------|---|
| <b>TSCA</b>          | Complies.   |
| <b>DSL/NDSL</b>      | Complies.   |
| <b>EINECS/ELINCS</b> | Complies.   |
| <b>ENCS</b>          | Complies.   |
| <b>IECSC</b>         | Complies.   |
| <b>KECL</b>          | Complies.   |
| <b>PICCS</b>         | Complies.   |
| <b>AIC</b>           | Complies.   |
| <b>NZIoC</b>         | Contact supplier for inventory compliance status. |

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - 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 Chemicals Inventory

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical name                | SARA 313 - Threshold Values % |
|------------------------------|-------------------------------|
| Zinc Pyrethione - 13463-41-7 | 1.0                           |

**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 contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Chemical name                 | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Zinc Pyrethione<br>13463-41-7 | -                           | X                      | -                         | -                          |

**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**

| Chemical name                 | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------|------------|---------------|--------------|
| Zinc Pyrethione<br>13463-41-7 | X          | -             | X            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:.

**EPA Pesticide Label**

DANGER. Corrosive. Causes skin burns and irreversible eye damage. Harmful if absorbed through skin. Harmful if inhaled. Toxic to fish.

**16. Other information**

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

|                |  |             |  |
|----------------|--|-------------|--|
| TWA<br>Ceiling | TWA (time-weighted average)<br>Maximum limit value | STEL<br>Sk* | STEL (Short Term Exposure Limit)<br>Skin designation |
|----------------|--|-------------|--|

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

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
U.S. 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 National Institute of Technology and Evaluation (NITE)  
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)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set  
United Nations World Health Organization (WHO)

**Revision date** 08/09/2025  
**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**