



## SAFETY DATA SHEET

DATE: 30<sup>th</sup> October 2024

### 1. Identification

**Product Name:** Ivermectin

**Recommended use/Use advised against:** No information available

#### **Details of the Australian Supplier:**

Astral Scientific Pty Ltd  
29 Mangrove Lane  
Taren Point NSW 2229

**Company Phone Number:** 02 9540 2055

**Email Address:** [support@astralscientific.com.au](mailto:support@astralscientific.com.au)

**Emergency Telephone Number:** 13 11 26

### 2. Hazard(s) Identification

#### **Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### **Label Elements**

**Signal Word:** Danger

**Hazard Statements:** Fatal if swallowed. Fatal if inhaled. Toxic in contact with skin.



**Precautionary Statements:** PREVENTION: Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wear respiratory protection. Wear protective gloves. Wear protective clothing. RESPONSE: IF ON SKIN: Wash with plenty of water. Call a POISON CENTER or doctor/physician if you feel unwell. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Rinse

mouth. STORAGE: Store locked up. Store in a well-ventilated place. Keep container tightly closed.  
DISPOSAL: Dispose of contents/container to an approved waste disposal plant.

### **3.Composition / Information on ingredients**

Component	Purity / Weight %
Ivermectin	100

### **4.First-aid measures**

<b>General Advice</b>	Call poisons emergency telephone number if there is an emergency.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation occurs.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. WARNING! It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled or ingested material is toxic, infectious or corrosive. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Fatal if swallowed. Immediate medical attention is required. Call a physician or Poison Center immediately.

**Most important symptoms/effects** May cause, dizziness, tiredness, Seizures. May cause incoordination. May cause nausea and vomiting. Abdominal pain. May cause diarrhea. May affect eyes/vision. Joint pain, Weakness.

**Notes to physician** Treat symptomatically

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

<b>Suitable extinguishing media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray mist or foam.
<b>Unsuitable extinguishing media</b>	No information available
<b>Flash Point</b>	No information available

**Method** No information available

**Autoignition temperature** No information available

### **Explosion limits**

**Upper** No information available

**Lower** No information available

**Sensitivity to mechanical impact** No information available

**Sensitivity to static discharge** No information available

### **Specific hazards arising from the chemical**

May be combustible at high temperatures.

### **Hazardous combustion products**

Carbon Monoxide, Carbon Dioxide.

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6.Accidental release measure**

**Personal precautions** Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing dust. Remove all sources of ignition.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Prevent from entering into soil, ditches, sewers, waterways, and/or ground water.

**Methods for containment/clean-up** Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

## **7.Handling and storage**

**Handling** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice.

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

refrigerated. Keep at temperatures between 2 and 8 °C.  
Store away from incompatible materials. Store in a segregated and approved area.

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

### **Personal protective equipment**

<b>Eye/Face protection</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Skin and body protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure.
<b>Respiratory protection</b>	Use a approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.

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

<b>Physical state</b>	Solid
<b>Appearance</b>	White
<b>Odor</b>	No information available
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/range</b>	150-157°C/302-314.6°F
<b>Boiling point/range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability or explosive elements</b>	
<b>Upper</b>	No information available
<b>Lower</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific gravity</b>	No information available
<b>Solubility</b>	Practically insoluble in water

**Partition coefficient; n-octanol/water** No data available

**Autoignition temperature** No information available

**Decomposition temperature** No information available

**Viscosity** No information available

**10.Stability and reactivity**

**Reactive hazard** No information available

**Stability** Stable under normal conditions

**Conditions to avoid** Heat. Avoid dust formation. Incompatible materials.

**Incompatible materials** Strong oxidizing agents, Alkalis, Acids , Bases, Ammonia, Peroxides

**Hazardous decomposition products** No information available

**Hazardous polymerization** No information available

**Hazardous reactions** Hazardous polymerization does not occur

**11.Toxicological information**

**Acute Toxicity**

**Product information / Component information**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ivermectin	10 mg/kg Oral LD50 Rat = 2 mg/kg Oral LD50 Rat mouse = 25 mg/kg	No information available	No information available

**Toxicologically synergistic products** No information available

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

**Irritation** No information available

**Sensitization** No information available

**Carcinogenicity** No information available

**Mutagenic effects** No information available

**Reproductive effects** No information available

**Developmental effects** No information available

**Teratogenicity** No information available

**STOT – single exposure** No information available

<b>STOT – repeated exposure</b>	No information available
<b>Aspiration hazard</b>	No information available
<b>Symptoms/effects, both acute and delayed</b>	No information available
<b>Endocrine disruptor information</b>	No information available
<b>Other adverse effects</b>	No information available

## **12. Ecological information**

### **Ecotoxicity**

No information available

**Persistence and degradability** No information available

**Bioaccumulation/accumulation** No information available

**Mobility** No information available

## **13. Disposal considerations**

**Waste disposal methods** Waste must be disposed of in accordance with Federal, State and Local regulation. Empty containers should be taken for local recycling, recovery or waste disposal

## **14. Transport information**

**DOT** UN2811, Hazardous

**TDG** UN2811, Hazardous

**IATA** UN2811, Hazardous

**IMDG/IMO** UN2811, Hazardous

## **15. Regulatory information**

### **International Inventories**

**TSCA** Not listed

**DSL/NDSL** Not listed

**EINECS/ELINCS** Not listed

**ENCS** Not present

**IECSC** Not present

**KECL** Not present

**PICCS** Not present

**AICS** Not listed

**Revision date** 30<sup>th</sup> October 2024

**Revision Note** No information available.

**Disclaimer**

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**End of Safety Data Sheet**