



SAFETY DATA SHEET

DATE: 15th October 2024

1. Identification

Product Name: Zinc picolinate

CAS Number: 17949-65-4

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

Emergency Telephone Number: 13 11 26

2. Hazard(s) Identification

Classification

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Label Elements including Precautionary Statements

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



GHS OK

3. Composition / Information on ingredients

Formula	CAS #	Molecular Weight
C ₁₂ H ₈ N ₂ O ₄ Zn	17949-65-4	309.59 g/mol

No components need to be disclosed according to the applicable regulations.

4. First-aid measures

General Advice After inhalation: fresh air. Consult doctor if feeling unwell.

Eye Contact After eye contact: rinse out with plenty of water. Remove contact lenses.

Skin Contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
Ingestion	After swallowing: immediately make victim drink water (two glasses at most). Consult a physician if feeling unwell.
Most important symptoms/effects	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

5.Fire-fighting measures

Suitable extinguishing media	Water, Foam, carbon dioxide (CO ₂), dry powder
Unsuitable extinguishing media	For this substance/mixture no limitations of extinguishing agents are given.

Specific hazards arising from the chemical

Carbon oxides
Nitrogen oxides (NO_x)
Zinc/zinc oxides
Carbon oxides
Nitrogen oxides (NO_x)
Zinc/zinc oxides Combustible.
Development of hazardous combustion gases or vapours possible in the event of fire.

Protective equipment and precautions for firefighters

In the event of fire, wear self-contained breathing apparatus.

Further information

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

6.Accidental release measure

Personal precautions	Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.
Environmental precautions	Do not let product enter drains.
Methods for containment/clean-up	Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

7. Handling and storage

Handling	Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes.
Storage	Store at room temperature. Keep container tightly closed in a dry and well ventilated place. Protect from moisture and light.

8. Exposure controls / personal protection

Personal protective equipment

Eye/Face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection	Required when dusts are generated. Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical state	Solid
Appearance	No information available
Odor	No information available
Odor threshold	No information available
pH	No information available
Melting point/range	222 - 225 °C - (decomposition)
Boiling point/range	No information available
Flash point	No information available
Evaporation rate	Not applicable
Flammability (solid, gas)	No information available
Flammability or explosive elements	
Upper	No information available
Lower	No information available
Vapor pressure	No information available

Vapor density	Not applicable
Specific gravity	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity	Not applicable

10.Stability and reactivity

Reactive hazard	None known, based on information available
Stability	Stable under normal conditions
Conditions to avoid	No information available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	In the event of fire: see section 5
Hazardous reactions	No information available

11.Toxicological information

Acute Toxicity

Product information / Component information

LD50 Oral	LD50 Dermal	LC50 Inhalation
No data available	No data available	No data 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	None known
STOT – repeated exposure	None known

Aspiration hazard No information available

Endocrine disruptor information No information available

Other adverse effects 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 material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

14. Transport information

DOT Not dangerous goods

TDG Not dangerous goods

IATA Not dangerous goods

IMDG/IMO Not dangerous goods

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Revision date 15th October 2024

Revision Note No information available.

Disclaimer

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End of Safety Data Sheet