



SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product:	Toltravet Poultry 2.5%
Pack size:	1L
Product Use:	For the treatment of coccidiosis in poultry
Restriction of Use:	Refer to Section 15
New Zealand Supplier:	Agrihealth NZ Ltd
Address:	Level 2, 89 Grafton Road, Auckland 1010
Telephone:	+64 9 215 1199
Emergency No:	0800 764 766 (National Poisons Centre)
Date of SDS Preparation:	13 June 2024

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

EPA Approval No: HSR002034

Pictograms:



Signal Word: **Warning**

GHS Category	Hazard Code	Hazard Statement
Eye irritation Cat. 2	H319	Causes serious eye irritation
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure
Hazardous to soil organisms	H423	Hazardous to soil organisms

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions
P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P260	Do not breathe mist, vapours or spray
P264	Wash hands thoroughly after handling
P273	Avoid release to the environment
P280	Wear protective clothing [as detailed in SDS Section 8]

Response Code	Response Statement
P314	Get medical advice/attention if you feel unwell
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308 + P313	IF exposed or concerned: Get medical advice/ attention
P337 + P313	If eye irritation persists: Get medical advice/attention

Storage Code	Storage Statement
P405	Store locked up

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Toltrazuril	2.5%	69004-03-1
Non-hazardous ingredients	Bal to 100%	Proprietary

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
If on Skin	Wash skin with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
If Swallowed	Wash out mouth thoroughly with water. DO NOT induce vomiting. Never give anything to the mouth of an unconscious person. Call the National Poisons Centre 0800 764 766 or a doctor/physician if unwell.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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

Ingestion:	Not applicable
Inhalation:	Not applicable
Skin:	Causes mild skin irritation
Eye:	Causes serious eye irritation
Chronic:	Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure
Notes to Doctor:	Treat exposed patients symptomatically

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable
Hazards from products	This material is assumed to be combustible. When heated to decomposition hydrogen cyanide, carbon monoxide and nitrogen may be emitted
Suitable Extinguishing media	Water spray, dry powder, carbon dioxide, or foam
Precautions for firefighters and special protective clothing	Wear full protective clothing and self-contained breathing apparatus (SCBA)
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. Restrict access to contaminated area.

Prevent further spillage, and prevent spilled material from flowing onto adjacent land or into Waterways.

Retrieve intact containers from site. Place damaged containers into containment devices. Clean the contaminated area with new sponges soaked in water. Place the spillage including sponges into sealable containers for disposal. Avoid contamination of water courses or sewers. Dispose of waste safely as per Section 13.

Section 7. Handling and Storage**Precautions for Handling:**

- Read carefully and follow all instructions
- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Do not breathe mist, vapours or spray
- Wash hands thoroughly after handling
- Avoid release to the environment
- Wear protective clothing [as detailed in SDS Section 8]
- Prevent contact with skin and eyes
- Do not eat drink or smoke while using

Precautions for Storage:

- Store away from incompatible materials listed in Section 10
- Store at below 25°C
- Store in the original container away from direct heat or direct sunlight
- Keep out of reach of children
- Store away from foodstuffs

Section 8 Exposure Controls / Personal Protection**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA ppm mg/m³	STEL ppm mg/m³
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No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working

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SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APR 2022 13TH EDITION.

Engineering Controls

Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent contact with skin and eyes.

Personal Protection Equipment



Eyes	Wear protective goggles when handling in bulk
Hands	Wear protective gloves
Skin	Wear protective clothing
Respiratory	Not required
General	Do not eat, drink or smoke when using this product. Wash hands with soap and water before breaks and after work. Keep away from foodstuffs and beverages

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Clear
Odour	Not available
Odour Threshold	Not available
pH	9.0 – 12.00
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Approx 180°C
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density	1.1 – 1.2 g/cm ³ @20°C
Solubility	Water: Miscible
Partition Coefficient	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Solidifying range	-10 to -50°C

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions and storage
Possibility of hazardous reactions	No data available
Conditions to Avoid	Product is sensitive to iron
Incompatible Materials	None known
Hazardous Decomposition Products	When heated to decomposition hydrogen cyanide, carbon monoxide and nitrogen may be emitted

Section 11 Toxicological Information**Acute Effects:**

Swallowed	Not applicable
Dermal	Not applicable
Inhalation	Not applicable
Eye	Causes serious eye irritation
Skin	Not applicable

Chronic Effects:

Carcinogenicity	Not applicable
Reproductive Toxicity	Suspected of damaging fertility or the unborn child
Germ Cell Mutagenicity	Not applicable
Aspiration	Not applicable
STOT/SE	Not applicable
STOT/RE	May cause damage to organs through prolonged or repeated exposure
Chronic toxicity (toltrazuril):	<p>Target organ effects: Rat 3 month oral toxicity study: At highest dose (16.6mg/kg/day) weight gain and food intake were decreased. Slight effects were seen in haematological parameters and disturbances in liver function.</p> <p>Dog 3 month oral toxicity study: At highest dose (12.5 mg/kg/day) showed increased heart weight but no histological changes or circulatory disturbance. Mean weight of testes and prostate were decreased.</p> <p>Reproduction: Rat 2 generation study: increase in stillborn pups at highest dose (5mg/kg/day). Rat teratogenicity studies: Teratogenicity and embryotoxicity see at the highest dose (30mg/kg/day) such as dysplasia of long bones, hydrops, cleft palate, microphthalmia. Reduction in number of live fetuses.</p>

Toltrazuril:**Acute toxicity:**

Species	Sex	Route	LD₅₀
Rat	M	Oral	2200 mg/kg bw
Rat	F	Oral	1740 - 3375 mg/kg bw
Chicken		Oral	700 mg/kg bw
Rat		Inhalation	> 158 mg/m ³ 4 hour
Rat		Dermal	> 5000 mg/kg bw

Section 12. Ecotoxicological Information

Hazardous to soil organisms

Product:

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Toltrazuril:

Toxicity: Daphnia magna 48-hour EC₅₀: > 2 mg/L
Rainbow trout (Oncorhynchus mykiss) 96-hour LC₅₀: 0.44 mg/L

Section 13. Disposal Considerations**Disposal Method:**

Preferably dispose of the product by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility.

Precautions or methods to avoid: Avoid contamination of any water supply with product or empty container.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2020

Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Veterinary Medicines (Non-Dispersive Open Application) Group Standard – **HSR100759**

HSW (HS) Regulations 2017	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	10,000 L
Emergency Response Plan	10,000 L
Secondary Containment	10,000 L
Restriction of Use	Only use for the intended purpose. An SDS must be provided whenever 1L of Toltravet Poultry 2.5% is sold or supplied

ACVM Act and Regulations

See www.foodsafety.govt.nz for registration Conditions	A11267
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Section 16 Other Information**Glossary**

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

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1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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