



Date of preparation:  
10 October 2016

## SAFETY DATA SHEET

### ToltraVet Poultry 2.5%

#### Section 1: Identification of the Substance and Supplier

<b>Product Name:</b>	Toltravet Poultry 2.5%
<b>ACVM Registration Number:</b>	A11267
<b>Pack sizes:</b>	1L
<b>Recommended Use:</b>	For the treatment of coccidiosis in poultry.
<b>Company Details:</b>	AgriHealth NZ Ltd Unit 1.2, 89 Grafton Road, Grafton, Auckland 1010, New Zealand Phone: +64 9 215 1199      Fax: +64 9 984 9455 Website: <a href="http://www.agrihealth.co.nz">www.agrihealth.co.nz</a>
<b>Emergency Telephone:</b>	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111

#### Section 2: Hazards Identification

Classified as a hazardous substance according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

**ToltraVet Poultry 2.5%** is approved pursuant to the HSNO Act 1996, **HSR002034**. The EPA website [www.epa.govt.nz](http://www.epa.govt.nz) should be consulted for the full list of triggered controls and cited regulations.

<b>Hazard Classifications:</b>	6.3B    Skin irritant
	6.4A    Eye irritant
	6.8B    Reproductive toxicant
	6.9B    Repeated dose toxin
	9.2D    Soil ecotoxin

<b>Signal word:</b>	<b>WARNING</b>
<b>Hazard statements:</b>	Causes mild skin irritation Causes eye irritation Suspected of damaging fertility or the unborn child May cause damage to organs through prolonged or repeated exposure Harmful to the soil environment
<b>Precautionary statements:</b>	Obtain special instructions before use Do not handle until all safety precautions have been read and understood Wear gloves when handling. Wash exposed skin thoroughly after handling Do not breathe mist or spray Store locked up If skin irritation occurs: Get medical advice or attention 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 exposed or concerned: Get medical advice or attention Get medical advice or attention if you feel unwell For advice call the National Poisons Centre 0800 POISON (0800 764 766) Avoid release to the environment

### Section 3: Composition / Information on Ingredients

#### Product Components:

Name	CAS Number	Concentration
Toltrazuril	69004-03-1	2.5%
Non-hazardous components	N/A	97.5%

N/A = not applicable or not available

## Section 4: First Aid Measures

- First Aid Measures:** For advice contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor, immediately.
- Skin Contact: If skin contact occurs remove contaminated clothing and wash skin with soap and water. If skin irritation, rash or symptoms occur or persist, consult a doctor.
- Eyes: If eye contact occurs, flush eyes with water. If wearing contact lenses, remove only after initial rinse and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.
- Ingestion: If swallowed seek medical attention. DO NOT induce vomiting.
- Workplace Facilities:** No special facilities are required.
- Required Instructions:** Wear protective gloves, clothing and eye protection. Contaminated work clothing should not be allowed out of the work place. Wash contaminated clothing before reuse.
- Notes for Medical Personnel:** Treat exposed patients symptomatically.

## Section 5: Fire Fighting Measures

- Type of hazard:** Non-flammable
- Fire Hazard Properties:** This material is assumed to be combustible. When heated to decomposition hydrogen cyanide, carbon monoxide and nitrogen may be emitted.
- Extinguishing Media and Methods:** Water spray, dry powder, carbon dioxide, or foam
- Hazchem Code:** 2Z
- Recommended Protective Clothing:** Wear full protective clothing and self-contained breathing apparatus (SCBA)

## Section 6: Accidental Release Measures

- Emergency Procedures:** Wear suitable protective clothing including eye protection. 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.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling:</b>	Wear protective gloves, clothing, eye and face protection Avoid contact with skin and eyes.
<b>Regulatory Requirements:</b>	An emergency response plan is not required when stored in any quantity.  Secondary containment is not required when stored in any quantity.  Signage is required for this substance when stored in quantities of <b>10,000L</b> or greater.
<b>Handling Practices:</b>	Avoid skin contact. Wash hands and exposed skin before meals and after use. Do not eat, drink or smoke while using.  Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
<b>Approved Handlers:</b>	Not required
<b>Conditions for Safe Storage:</b>	Store below 25°C. Store in the original container, away from direct heat or direct sunlight. Keep out of reach of children. Store locked up so that unauthorised persons do not have access.
<b>Packaging:</b>	Store in original container, away from foodstuffs.

## Section 8: Exposure Control / Personal Protection

<b>Workplace Exposure Standards:</b>	None set
<b>Application in the Workplace:</b>	Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent contact with skin and eyes.
<b>Exposure Standards outside the Workplace:</b>	None set
<b>Personal Protection:</b>	Wear protective gloves, eye safety glasses and protective clothing and face protection. 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

<b>Product Properties:</b>	Appearance:	Clear liquid
	Density:	1.1 – 1.2 g/cm <sup>3</sup> at 20°C
	pH of 100g/L water:	9.0 – 12.0
	Solubility in water:	Miscible
	Flash point:	Approx 180°C
	Solidifying range:	-10 to -50 °C

## Section 10: Stability and Reactivity

<b>Stability of the Substance:</b>	Stable under normal conditions of use and storage
<b>Conditions to Avoid:</b>	Product is sensitive to iron
<b>Hazardous Decomposition Properties:</b>	Hydrogen cyanide, carbon monoxide and nitrogen oxides.
<b>Hazardous Polymerisation:</b>	Does not occur

## Section 11: Toxicological Information

**HSNO Classification:** 6.3B, 6.4A, 6.8B, 6.9B

### Acute toxicity (toltrazuril):

Species	Sex	Route	LD <sub>50</sub>
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 <sup>3</sup> 4 hour
Rat		Dermal	> 5000 mg/kg bw

**Skin irritation:** Mild irritant

**Eye irritation:** Irritant

### Chronic toxicity (toltrazuril):

**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.

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.

**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.

**Mutagenicity:** Not considered to be mutagenic

**Carcinogenicity:** Not considered to be carcinogenic in humans

## Section 12: Environmental Information

**HSNO Classification:** 9.2D

No data is available for the formulated product. The following information relates to toltrazuril.

**Toxicity:** *Daphnia magna* 48-hour EC<sub>50</sub>: > 2 mg/L  
Rainbow trout (*Oncorhynchus mykiss*) 96-hour LC<sub>50</sub>: 0.44 mg/L

## Section 13: Disposal Considerations

**Disposal Information:** Preferably dispose of the product by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility. Avoid contamination of any water supply with product or empty container.

## Section 14: Transport Information

**Land Transport** Not classified as dangerous goods for transport under NZ Standard 5433:2007 Transport of Dangerous Goods on Land.

**Air Transport** Not classified as dangerous goods for transport under International Civil Aviation Organisation and International Air Transport Association regulations

**Sea Transport** Not classified as dangerous goods for transport under International Maritime Organisation regulations

<b>UN Number</b>	N/A
<b>Proper Shipping Name</b>	N/A
<b>DG Class</b>	N/A
<b>Subsidiary Risk</b>	N/A
<b>Packing Group</b>	N/A
<b>HAZCHEM Code</b>	N/A
<b>Marine Pollutant</b>	No

The maximum quantity of this substance allowed for carriage on public service vehicles is 1L.

### Section 15: Regulatory Information

**Regulatory Status:** Registered pursuant to the ACVM Act 1997, No A11267  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

**HSNO and ACVM Controls:** Refer to section 2

**List Exposure Limits:** None set

An SDS must be provided whenever **1L** of ToltraVet Poultry 2.5% is sold or supplied.

An emergency response plan and secondary containment are not required when stored in any quantity.

Signage is required for this substance when stored in quantities of **10,000L** or greater.

### Section 16: Other Information

**Additional Information:** For product information see the AgriHealth website:  
[www.agrihealth.co.nz](http://www.agrihealth.co.nz)

Date of preparation: 10 October 2016

Due for revision within 5 years.

The SDS summarises, at the date of issue, AgriHealth's best knowledge of the health and safety hazard information. Although reasonable care has been taken in the preparation of this document, AgriHealth Ltd extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. AgriHealth Ltd urges the recipient of this SDS to study it carefully to become aware of, and understand, the hazards associated with the product as well as determine the suitability of the information for the intended purpose.