

# SAFETY DATA SHEET

## Tribrissen® 48%

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

<b>Product name</b>	<b>Tribrissen 48%</b>
<b>Recommended use</b>	Veterinary antibiotic for treatment and control of a wide range of respiratory, gastrointestinal and urogenital tract infections.
<b>Company details</b>	<b>Schering-Plough Animal Health Limited</b> <b>33 Whakatiki Street, Upper Hutt 5018, New Zealand</b>  Phone: 0800 800 543 Fax: 0800 808 100 Website: <a href="http://www.msd-animal-health.co.nz">www.msd-animal-health.co.nz</a> Hours: 8 am – 5 pm, Mon – Fri
<b>Emergency telephone</b>	<b>0800 764 766 (0800 POISON) 24 hours human health</b> <b>0800 243 622 (0800 CHEMCALL) 24 hours</b>
<b>Date of preparation</b>	April 2019

### Section 2: Hazards Identification

<b>Hazard classifications</b>	6.1E: Acute toxicant 6.3A: Skin irritant 6.4A: Eye irritant 6.5B: Contact sensitiser 6.9B: Target organ systemic toxicant 9.1A: Aquatic ecotoxicant
<b>GHS Pictogram:</b>	
<b>Signal word</b>	Warning
<b>Hazard statement</b>	H303: May be harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H320: Causes eye irritation. H373: May cause damage to the liver, blood and the haematopoietic systems through prolonged or repeated oral exposure at high doses. H410: Very toxic to aquatic life with long lasting effects.
<b>Prevention statement</b>	P102: Keep out of reach of children. P103: Read label before use. P260: Do not breathe mist. P264: Wash contacted areas thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves, protective clothing and eye or face protection.
<b>Response statement</b>	P101: If medical advice is needed, have product container or label at hand. P302 + P352: IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314: Get medical advice/attention if you feel unwell. P321: See first aid instruction on the label of the product. P333 + P313: If skin irritation or rash occurs: Get medical advice/attention. P337 + P313: If eye irritation persists: Get medical advice/attention. P362 + P364: Take off contaminated clothing and wash it before reuse. P391: Collect spillage.
<b>Disposal</b>	P501: Dispose of product, packaging and waste at an approved landfill or other approved facility.

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## Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Trimethoprim	738-70-5	8%
Sulphadiazine	68-35-9	40%

## Section 4: First Aid Measures

## Necessary first aid measures

**ACCIDENTAL SELF-INJECTION** Obtain medical attention - show this SDS. Accidental self-injection may lead to an inflammatory response and medical advice should be sought on the management of deep injections, particularly those near a joint or associated with bruising. If possible the application of gentle squeezing pressure with absorbent material (e.g. facial tissues) at the injection site will swab up unabsorbed antibiotic. Strong squeezing of the site should be avoided. The damaged area should be thoroughly cleansed and a topical antiseptic applied.

**SKIN CONTACT** While wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

**EYE CONTACT** Immediately rinse eyes thoroughly with plenty of 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** Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.

**INHALATION** Remove to fresh air and provide oxygen if necessary. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.

## Required instructions

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

## Notes for medical personnel

**Accidental self-injection:** Treat symptomatically. Some risk of hypersensitivity from injection. Contamination of the needle must be considered.

## Workplace facilities

Emergency showers and eyewashes may be warranted depending on quantity and type of use.

## Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Not applicable
Regulatory requirements	Not applicable
Extinguishing media and methods	Water, carbon dioxide (CO <sub>2</sub> ), foam, or dry chemical.
Hazchem code	3Z (Contain spillage)
Recommended protective clothing	Wear full protective clothing and self-contained breathing apparatus (SCBA).

### Section 6: Accidental Release Measures

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Environmental Precautions</b>	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
<b>Emergency procedures</b>	Wear chemical resistant overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal. Avoid contamination of any water source or soil with product or empty container.

### Section 7: Handling and Storage

<b>Precautions for safe handling</b>	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
<b>Regulatory requirements</b>	Signage is required for quantities greater than 100 L. An emergency response plan is required where quantities greater than 100 L are present.
<b>Handling practices</b>	Avoid contact with eyes. Keep containers adequately sealed during material transfer, transport, or when not in use.
<b>Certified handlers</b>	Not required
<b>Conditions for safe storage</b>	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children.
<b>Store site requirements</b>	Store away from light at 2°C to 25°C.
<b>Packaging</b>	PG III

### Section 8: Exposure Control/Personal Protection

<b>Occupational exposure limits</b>	No WES is set for this substance at this time.
<b>Application in the workplace</b>	Ensure adequate ventilation. Keep container sealed when not in use.
<b>Exposure standards outside the workplace</b>	No TEL is set for this substance at this time No EEL is set for this substance at this time
<b>Personal protection</b>	Wear chemical resistant gloves, facemask or goggles.
<b>Engineering controls</b>	The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.

### Section 9: Physical and Chemical Properties

Appearance	Off-White to pale yellow suspension with a white to crème coloured sediment.
Boiling Point	Not determined
Melting/Softening point	Not applicable
Vapour Pressure	Not determined
Specific Gravity	Not determined
Solubility (H <sub>2</sub> O)	Not determined
Percent Volatiles	Not determined
Evaporation Rate	Not determined

### Section 10: Stability and Reactivity

<b>Stability of the substance</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Avoid high temperatures.
<b>Material to avoid</b>	Avoid food products.
<b>Hazardous decomposition products</b>	No dangerous decomposition is expected if used according to manufacturer's specifications.

### Section 11: Toxicological Information

#### Acute effects for individual ingredients only

ORAL	Trimethoprim: LD50 1500 mg/kg/bw (rat) [EMEA] Sulphadiazine: LD50: 1500 mg/kg (mouse) Arzneimittel-Forschung. Drug Research.
TEL	No TEL is set for this substance at this time.

#### Acute effects for individual ingredients only

Trimethoprim: NOAEL 2.5 mg/kg bw/day (beagle) bone [EMEA]
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### Section 12: Environmental Information

#### Effects for active ingredient only

AQUATIC	Sulphadiazine: EC50 0.135 mg/l (blue-green algae) 7 days. Holten Lutzhoft, H.C., B. Halling-Sorensen, and S.E. Jorgensen, 1999.
EEL	No EEL is set for this substance at this time.

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### Section 13: Disposal Considerations

<b>Disposal information</b>	<p><b>Disposal</b> Dispose of unused contents in a suitable landfill. Where possible, dispose of unused product through AgRecovery Chemicals. Avoid contamination of any water source or the environment with product or empty container.</p> <p><b>Container Disposal</b> Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.</p> <p><b>Needle Disposal</b> Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container.</p>
<b>Reference</b>	Current version of NZS 8409 Management of Agrichemicals.

### Section 14: Transport Information

<b>UN Number</b>	3082
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Sulphadiazine)
<b>UN dangerous goods class and subsidiary risk</b>	9
<b>UN Packaging Group</b>	PG III
<b>Environmental hazards</b>	Marine pollutant
<b>Special precautions when transporting the substance</b>	

### Section 15: Regulatory Information

<b>Regulatory status</b>	HSNO Approval Code: HSR002215 For a full listing of controls see <a href="http://www.epa.govt.nz">www.epa.govt.nz</a>  ACVM registration number: A005320 For conditions of registration see <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a>  <b>RESTRICTED VETERINARY MEDICINE</b>
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### Section 16: Other Information

<b>Additional information</b>	Tibrissen is a registered trademark
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