

SAFETY DATA SHEET

Oxytetrin® LA

Section 1: Identification of the Substance and Supplier

Product name	Oxytetrin LA
Recommended use	Veterinary antibiotic for the treatment and control of a wide range of common systemic, respiratory and local infections
Company details	Schering-Plough Animal Health Ltd 33 Whakatiki Street, Upper Hutt 5018, New Zealand Phone: 0800 800 543 Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	April 2019

Section 2: Hazards Identification

Hazard classifications	6.4A: Eye irritant 6.8A: Reproductive/developmental toxicant 6.9B: Target organ systemic toxicant 9.1B: Aquatic ecotoxicant
GHS Pictogram:	
Signal word	Danger
Hazard statement	H320: Causes eye irritation. H360: May damage fertility or the unborn child. H373: May cause damage to the liver, blood and the haematopoietic systems through prolonged or repeated oral exposure at high doses. H411: Toxic to aquatic life with long lasting effects.
Prevention statement	P102: Keep out of the reach of children. P202: Do not handle until all safety precautions have been read and understood. P260: Do not breathe mist. P264: Wash contacted areas thoroughly after handling. P273: Avoid release to the environment. P281: Use personal protective equipment as required.
Response statement	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. P314: Get medical advice/attention if you feel unwell. P337 + P313: If eye irritation persists: Get medical advice/attention. P391: Collect spillage.
Storage	P405: Store locked up.
Disposal	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
Oxytetracycline dihydrate	6153-64-6	21.6%
Dimethylacetamide	127-19-5	50-60%
Magnesium Oxide	1309-48-4	<10%
Sodium Formaldehyde Sulfoxylate	149-44-0	<10%

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 ₂), foam, or dry chemical.
Hazchem code	3Z
Recommended protective clothing	Wear full protective clothing and self-contained breathing apparatus (SCBA).

Oxytetrin® LA**Section 6: Accidental Release Measures**

Personal Precautions	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental Precautions	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
Emergency procedures	Wear chemical resistant gloves and 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

Precautions for safe handling	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.
Regulatory requirements	Signage required where quantities greater than 1000 L are present. Emergency Plan required where quantities greater than 1000 L are present.
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Certified handlers	Not required
Conditions for safe storage	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.
Store site requirements	Store away from light below 25°C.
Packaging	PG III

Section 8: Exposure Control/Personal Protection

Occupational exposure limits	Dimethylacetamide: TWA 10 ppm, 36 mg/m ³
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL or EEL is set for this substance at this time
Personal protection	Wear chemical resistant gloves, facemask or goggles.
Engineering controls	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.

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Section 9: Physical and Chemical Properties

Appearance	Clear amber liquid
Boiling Point	Not determined
Melting/Softening point	Not determined
Vapour Pressure	Not determined
Specific Gravity	Not determined
Solubility (H ₂ O)	Soluble
Percent Volatiles	Not determined
Evaporation Rate	Not determined

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Avoid high temperatures
Material to avoid	Avoid strong acids, bases and oxidisers
Hazardous decomposition products	Carbon oxides (CO _x).

Section 11: Toxicological Information

Acute effects for individual ingredient only

Oral	Oxytetracycline: LD50 2240 mg/kg (mouse) [SIGMA-ALDRICH]
TEL	No TEL is set for this substance at this time.

Chronic/long term effects for individual ingredients only

Dimethylacetamide: Repr.2; R61 May cause harm to the unborn child [N-Class]

Section 12: Environmental Information

Effects for individual ingredient only

AQUATIC	Oxytetracycline: Microcystis aeruginosa EC50 value, mg/L = 0.207 Lutzhoft HH, Halling-Sorensen B, Jorgensen SE. Algal toxicity of antibacterial agents applied in Danish fish farming. Arch Environ Contam Toxicol. 1999 Jan;36(1):1-6. PMID: 9828255 [PubMed - indexed for MEDLINE] Oxytetracycline: DT50: 42-46 days in water; > 300 day in marine sediment. Assessing the Environmental Fate and Effects of Veterinary Medicines Cranfield University
EEL	No EEL is set for this substance at this time

Section 13: Disposal Considerations

Disposal information	<p>Disposal 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>Container Disposal Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.</p> <p>Needle Disposal Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container.</p>
Reference	Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

UN Number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Oxytetracycline dihydrate)
UN dangerous goods class and subsidiary risk	9
UN Packaging Group	PG III
Environmental hazards	Marine pollutant
Special precautions when transporting the substance	

Section 15: Regulatory Information

Regulatory status	<p>HSNO Approval Code: HSR002211 For a full listing of controls see www.epa.govt.nz</p> <p>ACVM registration number: A005113 For conditions of registration see www.foodsafety.govt.nz</p>
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RESTRICTED VETERINARY MEDICINE

Section 16: Other Information

Additional information	Oxytetrin is a registered trademark.
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