

SAFETY DATA SHEET

Oxytetrin® LA

Section 1: Identification of the Substance and Supplier

Product name	Oxytetrin LA Liquid containing 10 - 24% oxytetracycline dehydrate
Recommended use	Veterinary antibiotic for the treatment and control of a wide range of common systemic, respiratory and local infections
Company details	MSD Animal Health, 33 Whakatiki Street, Upper Hutt 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	September 2011

Section 2: Hazards Identification

Hazard classifications	6.4A, 6.8A, 6.9B, 9.1B
Priority identifiers	DANGER Ecotoxic
Secondary identifier	6.4A May cause eye irritation 6.8A May damage fertility or the unborn child from repeated oral exposure 6.9B May cause damage to the lungs from repeated oral exposure at high doses 9.1B Toxic to aquatic organisms with long lasting effects
Risk & Safety Phrases	R51 Toxic to aquatic organisms R61 May cause harm to the unborn child R20/21 Harmful by inhalation and in contact with skin

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	SKIN CONTACT In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. EYE CONTACT In case of 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,
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consult a doctor.

INGESTION Do not induce vomiting unless under the direction of a qualified medical professional or Poison Control Centre. If symptoms persist, consult a doctor.

INHALATION Remove to fresh air. 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 **Inhalation:** remove to fresh air & provide oxygen if breathing is difficult.

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).

Section 6: Accidental Release Measures

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.
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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 1000L are present. Emergency Plan required where quantities greater than 1000L are present.
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Approved 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	PGIII

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Section 8: Exposure Control/Personal Protection

Workplace exposure standards	Dimethylacetamide: TWA 10ppm, 36mg/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.

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 2240mg/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]

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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	Disposal Dispose of unused contents in a suitable landfill. Avoid contamination of any water source or the environment with product or empty container. Container Disposal Dispose of empty container by burying in a suitable landfill or recycle.
Reference	Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information	UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Oxytetracycline dihydrate) MARINE POLLUTANT Class 9 PGIII Limited quantities: 5L Maximum quantity for own agricultural use: 1000L
Other requirements	Refer to Haznote.

Section 15: Regulatory Information

Regulatory status	ERMA Approval Code: HSR002211 For a full controls see www.epa.govt.nz ACVM registration number: A5113 For conditions of registration see www.foodsafety.govt.nz RESTRICTED VETERINARY MEDICINE
HSNO and ACVM controls	Signage: 1000 Litres Emergency Plan: 1000 Litres

Section 16: Other Information

Additional information	Oxytetrin is a registered trademark.
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