

Section 1 - Identification of Chemical Product and Company

Norbrook NZ Ltd
KPMG Centre, 18 Viaduct Harbour Ave
Auckland, New Zealand

Freecall: 0800 224 022

Trade Name: Alamycin Aerosol

Product Use: For the treatment of superficial infections of the foot and skin in cattle, sheep and pigs caused by organisms sensitive to oxytetracycline.

This version issued: April, 2025 and is valid for 5 years from this date.

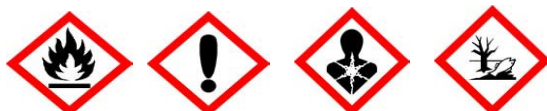
National Poisons Centre: Phone 0800 764 766 from anywhere in New Zealand

Section 2 - Hazards Identification

Hazard Class	Hazard Category	Hazard statement code	Hazard Statement
Aerosol	Category 1	H222 H229	Extremely flammable aerosol Pressurised container: May burst if heated
Acute oral toxicity	Category 4	H302	Harmful if swallowed
Eye irritation	Category 2	H319	Causes serious eye irritation
Reproductive toxicity	Category 2	H361	Suspected of damaging fertility or the unborn child
Specific target organ toxicity (repeated exposure)	Category 1	H372	Causes damage to organs through prolonged or repeated exposure
Hazardous to the aquatic environment chronic	Category 2	H411	Toxic to aquatic life with long lasting effects

Signal word Danger

GHS Pictogram



Precautionary statements:

Prevention

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

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- smoking.
- P211: Do not spray on an open flame or other ignition source.
- P251: Do not pierce or burn, even after use.
- P260: Do not breathe spray.
- P264: Wash hands and exposed skin thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P273: Avoid release to the environment.
- P280: Wear protective gloves and eye protection/face protection.

Response

- P301 + P312: IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.
- P330: Rinse mouth.
- P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313: If eye irritation persists: Get medical advice/attention.
- P308 + P313: IF exposed or concerned: Get medical advice/ attention.
- 314: Get medical advice/attention if you feel unwell.
- P391: Collect spillage.

Storage

- P405: Store locked up.
- P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Disposal

- P501: Dispose of product, packaging and waste at an approved landfill or other equivalent facility.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Concentration
Oxytetracycline hydrochloride	2058-46-0	35.8 g/kg
Methanol	67-56-1	<100 g/kg
Isopropanol	67-63-0	<100 g/kg
Other ingredients	secret	balance

Section 4 - First Aid Measures

General Information: For advice contact the National Poisons Centre 0800 POISON (0800 764 766) in New Zealand and is available at all times. Have this SDS and product label with you when you call. Get medical attention if you feel unwell.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call the National Poisons Centre or doctor.

Skin Contact: Wash with plenty of water or until chemical is removed. If skin irritation or rash occurs: Get medical attention.

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Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; Rinse mouth with water. If you feel unwell contact the National Poisons Centre or doctor.

Section 5 - Fire Fighting Measures

Flash point: 12°C, Closed cup

Fire and Explosion Hazards: This product is classified as extremely flammable aerosol. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire.

Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.

Fire decomposition products from this product may be toxic if inhaled.

Firefighters should take care and appropriate precautions. Take appropriate protective measures.

Fire Fighting Equipment: Use self-contained breathing apparatus and full protective clothing.

Extinguishing Media: In case of fire: Use carbon dioxide, dry chemical, foam, water fog.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Section 6 - Accidental Release Measures

Personal Precautions: Use appropriate protective clothing. Wear protective gloves.

Environmental Precautions: Prevent spilled material from entering water ways. Avoid release to the environment.

Methods and Materials for Containment and Cleaning up:

Minor spills: Clean up and absorb spills with inert material and place in waste containers, labelled for disposal. Contain in a secure location until disposal method is established. Dispose of waste safely.

Major spills: Prevent spillage from entering drains or water ways and call emergency services.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Do not breathe spray. Wear protective gloves and eye protection/face protection.

Do not eat, drink or smoke when using this product.

Wash hands and exposed skin thoroughly after handling.

Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed.

The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Certified handler: Not required

Tracking: Not required

Storage: Store below 25 °C. Protect from light. Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Check packaging, there may be further storage instructions on the label.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limits:

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Methanol	262	328

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Isopropanol

983

1230

The ADI for Oxytetracycline is set at 0.003mg/kg/day. ADI means Acceptable Daily Intake. Taken from Australian ADI List, June 2014.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Engineering Controls: Handle in accordance with good industrial hygiene and safety practice.

Ventilation: Use in a well-ventilated area. Make sure that the work environment remains clean.

Eye Protection: Wear safety goggles. Maintain eye wash facilities in work areas.

Skin Protection: Wear protective gloves.

Protective Material Types: Protective clothing be made from rubber or PVC.

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Section 9 - Physical and Chemical Properties

Physical Description & Colour:	Blue suspension, presented as an aerosol
Odour:	Characteristic smell of isopropyl alcohol/methanol.
Odour Threshold:	No data
pH:	8.4-8.8
Melting point/Freezing point:	No data
Initial boiling point and boiling range:	No data
Flash point:	12°C, Closed cup
Flammability (solid, gas):	No data
Upper/Lower flammability or explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	0.9 approximately
Solubility (ies):	Soluble (water solubility)
Partition coefficient: n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Kinematic viscosity:	No data
Particle characteristics:	No data

Section 10 - Stability and Reactivity

Reactivity: No data related to reactivity available for this product or its ingredients. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Store below 25 °C. Protect from light. Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

Incompatibilities: Strong acids, strong bases, strong oxidising agents.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. In the event of fire: see section 5.

Section 11 - Toxicological Information

Data for ingredients

Acute toxicity:

Methanol:

Acute Tox. 3
Classification description:
H301: Toxic if swallowed.
Classification key study:
Oral Route
Species: Human
Endpoint: LD50
Value: 300 mg/kg

Acute Tox. 3
Classification description:
H331: Toxic if inhaled.
Classification key study:
Oral Route
Species: Human
Endpoint: LD50
Value: 300 mg/kg

Acute Tox. 3
Classification description:
H311: Toxic in contact with skin.
Classification key study:
Oral Route
Species: Human
Endpoint: LD50
Value: 300 mg/kg

Skin corrosion/irritation:

No data

Serious eye damage/eye irritation:

Methanol:

Eye Irrit. 2
Eye Irritation
Result: Moderate irritant

Isopropanol:

Classification description:
H319: Causes serious eye irritation.
Eye Irritation
Species: Rabbit
Result: Mild. Graded 4 on scale of 1-10 (10 being the most severe) after 24 hrs.

Respiratory or skin sensitisation:

No data

Germ cell mutagenicity:

No data

Carcinogenicity:

No data

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Reproductive toxicity:

Methanol:

Rep. 2

Classification description:

H361: Suspected of damaging fertility or the unborn child.

Classification key study:

Effect on fertility: Endpoint: NOAEL

Value: 1.3 mg/l

Effect on developmental toxicity: Endpoint: NOAEL

Value: 1.3 mg/l

**Specific target organ toxicity-
single exposure:**

No data

**Specific target organ toxicity-
repeated exposure:**

Methanol:

STOT Rep. Exp. 1

Classification description:

H372: Causes damage to organs through prolonged or repeated exposure.

Classification key study:

Repeated dose toxicity:

Oral Route

Primary Organ Effected: Hepatotoxicity (liver)

Aspiration hazard:

Isopropanol:

Asp. Tox. 1

Classification description:

H304: May be fatal if swallowed and enters airways.

Classification key study: N/A

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Section 12 - Ecological Information

Data for ingredients

Aquatic:

Oxytetracycline hydrochloride:

Aquatic Acute 1
Classification description:
H400: Very toxic to aquatic life.
Fish
Dose Descriptor: LC50
Effect concentration: > 95 mg/L
Freshwater fish; Rainbow trout LC50 > 116 ppm; Bluegill sunfish LC50 > 95 ppm [REDS]
Aquatic Invertebrates
Dose Descriptor: EC50
Effect concentration: 61.1 mg/L
Data from oxytetracycline (CAS # 79-57-2)
Species: *Penaeus vannamei* (Whiteleg shrimp)
Type of exposure:
Duration: 48 hr
Endpoint: EC50
Value: 61.1 ug/ml (= 61.1 mg/l)
Freshwater Algae And Cyanobacteria
EC50 for freshwater algae: 0.207 mg/L
Species: *Microcystis aeruginosa*
Type of exposure:
Duration: 72 hr
Endpoint: EC50
Value: 0.207 mg/l

Aquatic Chronic 1
Classification description:
H410: Very toxic to aquatic life with long lasting effects.
Classification key study:
Freshwater Algae And Cyanobacteria
Species: *Microcystis aeruginosa*
Type of exposure:
Duration: 72 hr
Endpoint: EC50
Value: 0.207 mg/l

Terrestrial:

No data

Persistence and degradability:

Oxytetracycline hydrochloride: Biodegradation in water: not biodegradable

Bioaccumulative:

Oxytetracycline hydrochloride: No

Mobility in soil:

No data

Section 13 - Disposal Considerations

Disposal: Dispose of product, packaging and waste at an approved landfill or other equivalent facility.

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Section 14 - Transport Information

UN Number: 1950
UN Proper Shipping Name: AEROSOLS, flammable.
UN Dangerous Goods Class: 2
UN Packaging Group: Not set
Environmental Hazards: Marine Pollutant
Special Precautions When Transporting The Substance: Read safety instructions, SDS and emergency procedures before handling.

Transport of Dangerous Goods Pictogram:



Section 15 - Regulatory Information

HSNO Approval number: HSR002194

ACVM Registration number: A008134

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

CAS number: Chemical Abstracts Service Registry Number
GHS: Globally Harmonized System
HSNO: Hazardous Substances and New Organisms Act
UN Number: United Nations Number
SWA: Safe Work Australia
TWA: Time Weighted Average
STEL: Short Term Exposure Limit
LD50: Lethal Dose for 50% of test organisms
LC50: Lethal concentration, 50%
EC50: Effective-concentration
LOEC: Lowest Observed Effect Concentration
LOAEL: Lowest Observed Adverse Effect Level
NOEL: No Observed Effect Level
NOAEL: No Observed Adverse Effect Level

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THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

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