

## Section 1 - Identification of the Substance/Mixture and Supplier

### Zoetis Australia Pty Ltd

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<b>Product Identifier:</b>	<b>Terramycin Pinkeye Aerosol</b>
<b>Other names:</b>	None.
<b>Chemical family:</b>	Active ingredient is an antibiotic.
<b>Recommended Use:</b>	Broad spectrum antibiotic for treatment of eye infections of animals and in particular, pinkeye conditions in sheep and cattle.
<b>Restrictions on use</b>	For veterinary use only. Not for human use.
<b>Emergency Phone:</b>	<b>1800 814 883 (all hours)</b>

## Section 2 - Hazards Identification

### Classification of the Hazardous Chemical

<b>Physical Hazards:</b>	Flammable aerosols, Category 1
<b>Health Hazards:</b>	Reproductive toxicity, Category 1A
<b>Environmental Hazards:</b>	Not classified

### GHS LABEL ELEMENTS

**Signal word: DANGER****Hazard symbol(s)****Hazard Statements:**

Extremely flammable aerosol  
Pressurized container; may burst if heated  
May damage the unborn child

**Precautionary Statements****PREVENTION**

Keep away from heat/sparks/open flame/hot surfaces. – No smoking.  
Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.  
Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Keep out of reach of children.

**RESPONSE**

IF exposed or concerned: Get medical attention/advice.  
In case of fire, use carbon dioxide, dry chemical, foam, water fog.

**STORAGE**

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

**DISPOSAL**

Dispose of contents/container in accordance with all local and national regulations.

**Other/supplementary hazards. None known.****SAFETY DATA SHEET**

Issued by: Zoetis Australia Pty Ltd

Phone: 1800 814 883

Poisons Information Centre: 13 1126 from anywhere in Australia

## Emergency Overview

**Physical Description & colour:** Dark blue liquid; presented as an aerosol.

**Odour:** Mild odour.

**Major Health Hazards:** Flammable aerosol and reproductive hazard. This is an antibiotic preparation. Any person with a history of allergies to this class of substances should avoid all contact with this product as it may cause sensitisation.

## Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc,%	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Hydrocarbon gas	106-97-8		not set	not set
Oxytetracycline hydrochloride	2058-46-0	2mg/g	not set	not set
Other non hazardous ingredients	secret	to 100%	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

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.

## Section 4 - First Aid Measures

### General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia and is available at all times. Have this SDS with you when you call.

**Inhalation:** First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

**Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.

**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

**Most Important Symptoms and Effects, Both Acute and Delayed:** None known.

**Symptoms and Effects of Exposure:** None known.

**Medical Conditions Aggravated by Exposure:** None known.

**Indication of the Immediate Medical Attention and Special Treatment Needed:** None known.

**Notes to Physician:** None.

## Section 5 - Fire Fighting Measures

**Hazards arising from the product:** Flammable aerosol. Heating or contact with ignition sources or oxidizers may cause explosion. The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. 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. Take appropriate protective measures.

**Suitable Extinguishing Media:** In case of fire, use carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.

**Special Protective Equipment and Precautions for Firefighters:** If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

**Hazchem Code:** 2YE

## SAFETY DATA SHEET

## Section 6 - Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Eliminate ignition sources. Ventilate area. For minor spills, clean up with absorbent material and transfer to labelled container for disposal. Wear impermeable gloves and other protective equipment when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

**Environmental Precautions:** Prevent environmental releases.

**Measures for Cleaning / Collecting:** Eliminate ignition sources. Ventilate area. Contain the source of the spill if it is safe to do so. Absorb spills with non-combustible absorbent material and transfer into a labelled container for disposal.

**Additional Consideration for Large Spills:** Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

## Section 7 - Handling and Storage

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

**Storage:** Store in a cool, well ventilated area, and make sure that surrounding electrical devices and switches are suitable. Check containers and valves periodically for leaks. If you keep more than 25kg of flammable gases, you are probably required to license the premises or notify your Dangerous Goods authority. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

## Section 8 - Exposure Controls and Personal Protection

### Control Parameters:

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**.

### SWA Exposure limits

### TWA (mg/m<sup>3</sup>)

### STEL (mg/m<sup>3</sup>)

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

Oxytetracycline hydrochloride – Zoetis OEL (8-hr TWA) = 0.5 mg/m <sup>3</sup>
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**Engineering Controls:** Ensure adequate ventilation. This product should only be used in a well ventilated area.

**Eye Protection:** Eye protection such as protective glasses or goggles is recommended when this product is being used.

**Skin Protection:** Wear appropriate gloves to avoid contact with all chemical products; wear suitable gloves (preferably elbow-length) when skin contact is likely.

**Protective Material Types:** Wear protective clothing.

**Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyewash facilities and safety deluge showers should be provided where this product is being handled.

## Section 9 - Physical and Chemical Properties:

**Appearance:** Dark blue liquid; presented as an aerosol.

**Odour:** Mild odour.

**Odour Threshold:** No data.

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pH:	No data.
Freezing/Melting Point:	No specific data. Liquid at normal temperatures.
Boiling Point:	Not available.
Flash point:	Below -60°C
Upper Flammability Limit:	Not available
Lower Flammability Limit:	Not available
Autoignition temperature:	No data.
Flammability Class:	Flammable Category 2 (GHS); Highly Flammable (AS1940).
Upper Flammability Limit:	No data.
Lower Flammability Limit:	No data.
Autoignition temperature:	No data.
Flammability (solid, gas):	Not applicable.
Decomposition Temperature:	No data.
Volatiles:	No data.
Vapour Pressure:	No data.
Vapour Density:	No data.
Relative Density:	No data.
Water Solubility:	Some, but not all ingredients are soluble.
Solvent Solubility:	No data.
Volatility:	No data.
Evaporation Rate:	No data.
Partition Coefficient (n-octanol/water):	No data
Autoignition temp:	No data.
Viscosity:	Not applicable.

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## Section 10 - Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Stability:** Stable if stored under normal conditions.

**Conditions to Avoid:** This product should be kept in a cool place, preferably below 30°C. Containers should be kept dry. Keep away from sources of sparks or ignition.

**Incompatibilities:** strong oxidising agents.

**Hazardous decomposition products:** Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form hydrogen chloride gas, other compounds of chlorine. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

**Polymerisation:** This product will not undergo polymerisation reactions.

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## Section 11 - Toxicological Information

**General Information:** No data.

**Routes of exposure:** Inhalation.

**Symptoms of exposure:** May cause effects similar to those generally seen in clinical use of tetracyclines including gastrointestinal irritation, nausea, vomiting, and diarrhea. Symptoms of chronic exposure to tetracyclines include redness and swelling of the skin, rash, chills, tooth discoloration, yellowing of the skin and eyes, nausea, vomiting, diarrhea, stomach pain, and chest pain.

**Inhalation:**

**Short term exposure:** May cause irritation. Do not deliberately sniff this product. Intentional misuse by deliberately concentrating and inhaling contents of aerosol containers can be harmful or fatal. Avoid breathing vapour by using in a well ventilated area.

**Long Term exposure:** May cause damage to unborn child.

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**Skin Contact:**

**Short term exposure:** Major health effect from this product is misuse of the aerosol function. If sprayed continuously on skin or in eyes, it can cause frostbite.

**Long Term exposure:** No data for health effects associated with long term skin exposure.

**Eye Contact:**

**Short term exposure:** If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite.

**Long Term exposure:** No data for health effects associated with long term eye exposure.

**Ingestion:**

**Short term exposure:** Significant oral exposure is considered to be unlikely. However, this product may be mildly irritating to mucous membranes but is unlikely to cause anything more than mild transient discomfort.

**Long Term exposure:** May cause damage to unborn child.

**Specific Target Organ Toxicity (STOT) – single exposure:** Not classified

**Specific Target Organ Toxicity (STOT) – repeated exposure:** Not classified

**Aspiration Hazard:** Not classified

**Respiratory or Skin Sensitisation:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.

**Reproductive toxicity:** May cause damage to unborn child.

**Carcinogen Status:**

**SWA:** No significant ingredient is classified as carcinogenic by SWA.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

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**Section 12 - Ecological Information**

Not classified as an environmental hazard; however, avoid release to the environment.

**Toxicity information:** No data.

**Persistence and degradability:** No data.

**Bioaccumulative potential:** No data.

**Mobility in soil:** No data.

**Other adverse effects:** No data.

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**Section 13 - Disposal Considerations**

**Disposal:** Dispose of waste in accordance with all applicable laws and regulations. Avoid release to the environment. Do not put in drain, sewer or regular trash as this may be hazardous waste. Contact your waste disposal company for advice.

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**Section 14 - Transport Information**

**UN Number:** 1950, AEROSOLS

**Proper Shipping name:** AEROSOLS

**Transport Class or Division:** 2.1

**Packing Group:** Not applicable

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**Limited quantities:** ADG 7 specifies a Limited Quantity value of 1000mL for this class of product.

**Dangerous Goods Class:** Class 2.1: Flammable gases.

Class 2.1 Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 3 (Flammable Liquids) (where both flammable liquids and flammable gases are in bulk), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.2 (Non-flammable Non-Toxic gases), 3 (Flammable liquids except where both flammable liquids and flammable gases are in bulk), 6 (Toxic Substances), 8 (Corrosive Substances) 9 (Miscellaneous dangerous goods), Foodstuffs and foodstuff empties.

**Hazchem Code:** 2YE

**Special precaution for user:** None known.

**Additional Information:** None known.

**Environmental Hazard:** None known.

## Section 15 - Regulatory Information

**APVMA No. 37835**

**Poison Schedule (Product) – Schedule 5**

**AICS:** All of the significant ingredients in this formulation are compliant with NICNAS regulations.

## Section 16 - Other Information

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

**Data Sources:** The data contained in this SDS may have been gathered from confidential internal sources, raw material suppliers, or from the published literature.

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 <sup>th</sup> edition)
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number

**This version issued: 22 December 2016**

**Supersedes:** Version issued November, 2015

### Revision History:

Date of Revision	Reason
20/11/2015	Update Zoetis Address
22/12/2016	Amendments to GHS classification

### Contact Points:

<b>Zoetis</b>	<b>1800 814 883</b>
<b>Police and Fire Brigade:</b>	<b>Dial 000</b>

**If ineffective:**

**Dial Poisons Information Centre  
(13 1126 from anywhere in Australia)**

## SAFETY DATA SHEET

Zoetis Inc. believes that the information contained in this Material Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011).

**End of Safety Data Sheet**

**SAFETY DATA SHEET**