

SAFETY DATA SHEET

zoetis

Title: TRICIN EYE AND EAR OINTMENT			Document: SDS-AU111
			Rev: 2.2 PAGE 1 OF 8
Status: Current	Issue Date: 29-Apr-2024	Effective Date: 29-Apr-2024	Review Date: 20-Apr-2028

Section 1: IDENTIFICATION of CHEMICAL PRODUCT and COMPANY

Product Name:	Tricin Eye & Ear Ointment
Product Identifier:	10,000 I.U./g Polymyxin B Sulfate; 500 I.U./g Bacitracin Zinc; 5 mg/g Neomycin Sulfate.
Recommended Use:	Antibiotic ointment for the topical treatment of eye and ear infections due to Gram-positive and Gram-negative bacteria in dogs, cats and horses.
Restrictions on Use:	For animal treatment only.
Company Identification:	Zoetis Australia Pty Ltd ABN: 94 156 476 425
Address:	Level 6, 5 Rider Boulevard, Rhodes NSW 2138, Australia
Telephone:	1800 814 883
Fax:	(02) 8876 0444
Email:	productsupport.au@zoetis.com
National Poisons Information Centre:	13 11 26 (Australia-wide)
Police, Fire Brigade, Ambulance:	Dial 000
Emergency Telephone Number:	1800 814 883 (all hours)

Section 2: HAZARDS IDENTIFICATION

GHS Hazard Classifications: This product has been assessed according to GHS and is classified as follows:

GHS Category	Hazard code	Hazard Statement
Skin sensitisation Category 1	H317	May cause an allergic skin reaction

Signal Word: **WARNING**

GHS Pictograms:



Exclamation mark

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Precautionary Statements:

Prevention

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P261 Avoid breathing vapours.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.

Response

P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

Disposal

P501 Dispose of container and any unused product by wrapping with paper and putting in garbage.

N.B.: The above statements are determined by Work Health and Safety regulations and may not reflect Signal Headings and First Aid and Safety statements on product labelling, which are determined by a competent authority during assessment for registration.

Other hazards: None known.

Section 3: COMPOSITION / INFORMATION on INGREDIENTS

INGREDIENT	CAS No.	CONTENT
Polymyxin B sulfate	1405-20-5	< 1 %
Zinc bacitracin	1405-89-6	< 1 %
Neomycin sulfate	1405-10-3	< 1 %
Ingredients not contributing to the hazards	-	> 98 %

Section 4: FIRST AID MEASURES

General Information: Consult the National Poisons Centre on 13 11 26 or a doctor immediately in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If medical advice/attention is needed, have this SDS, product container or label at hand.

Symptoms and Effects of Exposure: None known.

Inhalation: If fumes, aerosols or combustion products are inhaled remove patient from contaminated area. Other measures are usually not necessary. If respiratory symptoms occur, remove patient to fresh air. Lay patient down and keep warm and rested. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. If breathing is difficult, give oxygen and seek medical assistance immediately.

Ingestion: If swallowed do NOT induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Never give liquid to a person showing signs of being sleepy or with reduced awareness i.e. becoming unconscious. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully.

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Skin: If skin contact occurs, immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Remove and wash / dispose of contaminated clothing promptly. If skin irritation or rash occurs, get medical advice/attention.

Eye: If eye contact occurs: Immediately flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing for at least 20 minutes. If eye irritation persists, get medical advice/attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Recommended First Aid Facilities: Ready access to running water and soap is required. Accessible eyewash is required.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flash Point: No data.

Hazardous Combustion Products: If involved in a fire, may emit noxious and irritant fumes.

Extinguishing Media: There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Protective Equipment: Protective gloves, boots and breathing apparatus.

Hazchem Code: None specified.

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Wear gloves and appropriate protective clothing. Avoid breathing vapours and contact with skin and eyes. Clean up all spills immediately. For small spills, clean up spilled product then wipe area and put empty container in garbage. For large spills, exclude non-essential people from the area. Contain and absorb spill with sand, earth, inert material or vermiculite. Prevent spillage from entering drains or water courses and call emergency services.

Protective Clothing: For appropriate personal protective equipment see section 8.

Environmental Precautions: Prevent from entering drains, waterways or sewers. If contamination of drains and waterways occurs, advise local authority.

Section 7: HANDLING AND STORAGE

Handling: This is a Schedule 4 (Prescription Animal Remedy) product and therefore must be stored and maintained in accordance with the relevant State Poisons Act. Avoid contact with skin and eyes. Use personal protective equipment as required. Do not eat, drink or smoke while handling product.

Storage: Keep out of reach of children Store below 30°C (room temperature).

Other Information: Avoid contact with incompatible substances as listed in Section 10. Always read the label before use.

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

This SDS describes personal protective measures relating to long term industrial and manufacturing exposure and emergency situations, such as accidents and spills. See product label for personal protective measures during normal use of the marketed product.

Exposure Limits: No exposure limits have been assigned for this product nor for any ingredients.

Engineering Controls: Handle in a well-ventilated area. Ensure that the work environment remains clean.

Personal Protective Equipment (PPE):

Eye Protection: Safety glasses with side shields or chemical goggles are recommended when handling bulk quantities of this product.

Skin Protection: When handling bulk quantities, prevent skin contact by wearing chemical protective gloves e.g. PVC. Wear safety gumboots, e.g. rubber.

Respiratory Protection: Not required for the normal use of this product.

Other: When handling bulk quantities of this product, overalls, PVC apron, barrier cream, skin cleansing cream and eye wash unit may be required.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Smooth, white ointment, free from foreign matter.	Lower Flammability Limits	Not available
Odour:	Not available	Vapour Pressure:	Not available
Odour Threshold:	Not available	Vapour Density:	Not available
pH:	Not available	Relative Density:	Not available
Melting Point:	Not available	Specific Gravity:	Not available
Boiling Point:	Not available	Solubility in Water:	Insoluble in water
Flash Point:	Not available	Partition Coefficient:	Not available
Evaporation Rate:	Not available	Auto-ignition Temperature:	Not available
Flammability:	Not flammable	Decomposition Temperature:	Not available
Upper Flammability Limits:	Not applicable	Viscosity:	Not available

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Section 10: STABILITY AND REACTIVITY

Reactivity: This product is unlikely to react or polymerise under normal storage conditions.

Chemical Stability: When stored appropriately this product should show no significant degradation within the expiry period shown on the label.

Conditions to Avoid: Extreme temperatures.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: Combustion products include carbon dioxide, nitrogen oxides, sulfur oxides and other pyrolysis products typical of burning organic material.

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

Ingestion: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the oral route.

Zinc bacitracin: Oral LD₅₀: > 3750 mg/kg (mouse);

Neomycin Sulfate: Oral LD₅₀: 2750 mg/kg (rat), 2880 mg/kg (mouse);

Polymyxin B Sulfate: Oral LD₅₀: 790 mg/kg (mouse).

Inhalation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the inhalation route.

Dermal: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the dermal route.

Respiratory Irritation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a respiratory irritant.

Skin Corrosion / Irritation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a skin irritant.

Serious Eye Damage / Irritation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be an eye irritant.

Respiratory or Skin Sensitisation: No data for the mixture is available. Based on available data for the ingredients, the mixture is classified as **Skin sensitisation Category 1**. Bacitracin has been known to cause rashes and allergic anaphylactoid reactions in some patients. Neomycin sulfate may result in allergic sensitisation reactions in certain individuals.

Germ Cell Mutagenicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be mutagenic.

Carcinogenicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be carcinogenic.

Reproductive Toxicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to affect reproduction.

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STOT: Single Exposure: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after single exposure.

STOT: Repeated Exposure: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after repeat exposure. Due to the presence of neomycin sulfate, prolonged or repeated exposure to large oral doses may lead to progressive loss of hearing and kidney damage. Due to the presence of polymyxin B sulfate, prolonged or repeated exposure to large oral doses may lead to respiratory paralysis and sensory disturbances of the face.

Aspiration Hazard: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be an aspiration hazard.

Narcotic Effects: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to have any narcotic effects.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be toxic to the environment.

Fish

Zinc bacitracin: LC₅₀ (96 hr): 74 mg/L.

Neomycin sulfate: No data.

Polymyxin B sulfate: No data.

Crustacea

Zinc bacitracin: EC₅₀ (48 hr): 21.82 mg/L.

Neomycin sulfate: No data.

Polymyxin B sulfate: No data.

Algae and other aquatic plants

Zinc bacitracin: No data.

Neomycin sulfate: No data.

Polymyxin B sulfate: No data.

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Zinc bacitracin	No data	No data	No data	No data
Neomycin sulfate	No data	No data	No data	No data
Polymyxin B sulfate	No data	No data	No data	No data

Section 13: DISPOSAL INFORMATION

Product Disposal: Dispose of product only by using according to label or at an approved landfill.

Container Disposal: Wrap with paper and place in garbage.

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Section 14: TRANSPORT INFORMATION

Dangerous Goods Classification: Not considered a Dangerous Good for land, sea and air transport.

Hazchem Code: None specified.

Section 15: REGULATORY INFORMATION

Poison Schedule (SUSMP): S4

APVMA No.: 36220

Section 16: OTHER INFORMATION

This information is based on data believed by Zoetis Australia Pty Limited to be accurate at the time of writing but is subject to change without notice. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness otherwise and no assumption of liability from howsoever arising is made by Zoetis Australia Pty Limited by reason of the provision of this information. Every person dealing with the materials referred to herein do so at his/her own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Legend:

CAS No.

Chemical Abstracts Service Registry Number.

EC₅₀

The median effect concentration, being a statistically derived concentration of a substance that can be expected to cause an adverse reaction in 50% of organisms or a 50% reduction in growth or in the growth rate of organisms.

GHS

Globally Harmonized System of Classification and Labelling of Chemicals.

Hazchem Code

Emergency action code of numbers and letters that provide information to emergency services especially firefighters.

LC₅₀

The median lethal concentration, being a statistically derived concentration of a substance that can be expected to cause death in 50% of animals.

LD₅₀

The median lethal dose, being a statistically derived single dose of a substance that can be expected to cause death in 50% of animals.

PPE

Personal Protective Equipment.

PVC

Polyvinyl chloride.

SDS

Safety Data Sheet.

STOT

Specific Target Organ Toxicity.

SUSMP

Standard for the Uniform Scheduling of Medicines and Poisons.

SWA

Safe Work Australia.

References:

ChemID Plus on PubChem

Hazardous Chemical Information System (HCIS)

EPA New Zealand Chemical Classification and Information Database (CCID)

HSDB (Hazardous Substances Data Bank)

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Revision History:

Date of Revision	Reason
9 February 2016	Reclassification of substance to GHS classification and update of SDS to comply with SWA Code of Practice.
31 May 2018	Minor updates to Sections 1, 2, 3, 4, 5, 6, 7, 8 and 11.
1 March 2023	Update of Customer Service and emergency telephone numbers to Zoetis numbers.
20 April 2023	Five year review. Update to GHS 7. Editorial changes throughout. Correction of CAS number for zinc bacitracin in Section 3.
29 April 2024	Change in Registrant, update to Zoetis template.

END OF SDS