

# SAFETY DATA SHEET

zoetis

Title: TRICIN POWDER

Document: SDS-AU112

Rev: 2.2

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Status: Current

Issue Date: 24-Jun-2024

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## Section 1: IDENTIFICATION of CHEMICAL PRODUCT and COMPANY

**Product Name:** Tricin Powder

**Product Identifier:** Powder containing 0.5 %w/w Neomycin sulfate, 0.4 %w/w Bacitracin zinc and 0.06 %w/w Polymyxin B sulfate.

**Recommended Use:** Antibacterial powder for the topical treatment of infections due to sensitive 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 (all hours)

**Police, Fire Brigade, Ambulance:** Dial 000

**Emergency Telephone Number:** 1800 814 883 (all hours)

## Section 2: HAZARDS IDENTIFICATION

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

GHS Category	Hazard code	Hazard Statement
Respiratory Sensitizer Category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3	H335	May cause respiratory irritation.

**Signal Word:** DANGER

**GHS Pictograms:**



Exclamation mark



Health hazard

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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 dust.  
P271 Use only outdoors or in a well-ventilated area.  
P284 Wear respiratory protection.

### Response

P304+ P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.  
P312 Call a POISON CENTRE/doctor if you feel unwell.

### Storage

P405 Store locked up.

### Disposal

P501 Dispose of contents / container in accordance with local / national regulations.

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
Neomycin sulfate	1405-10-3	0.5%
Bacitracin zinc	1405-89-6	0.4%
Polymyxin B sulfate	1405-20-5	0.06%
Ingredients not contributing to the hazards	-	> 99%

## 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. Sensitive individuals might exhibit allergic reactions, possibly life threatening. 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.

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**Ingestion:** Sensitive individuals might exhibit allergic reactions, possibly life threatening. 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.

**Skin:** May cause skin rashes in sensitised persons. If skin contact occurs, immediately remove all contaminated clothing, including footwear. Wash affected area thoroughly with plenty of soap and water. 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:** Contains antibiotics which present sensitisation potential. Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

**Flash Point:** No data.

**Hazardous Combustion Products:** If involved in a fire, may emit poisonous 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:** Not specified.

## Section 6: ACCIDENTAL RELEASE MEASURES

**Spills and Disposal:** Wear gloves and appropriate protective clothing. Avoid breathing dusts and contact with skin and eyes. Clean up all spills immediately. For small spills, wash area well with excess water. For large spills, exclude non-essential people from the area. Use dry clean up procedures, avoiding the generation of dust and place in a sealable waste container. Ventilate area and wash spill site after pick-up complete. Dispose of waste safely in an appropriate landfill.

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

**Environmental Precautions:** Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority.

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## 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. Handle this product with care to avoid exposure, taking all recommended precautions. Avoid contact with skin, eyes and inhalation of dusts. Use in a well-ventilated area. 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). Protect from light. Store locked up in original container, tightly closed in a cool, dry place.

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

## 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 ingredient.

**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. For bulk quantities a Particulate respirator is required.

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

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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White to off-white, free-flowing powder.	<b>Lower Flammability Limits:</b>	Not available.
<b>Odour:</b>	Not available.	<b>Vapour Pressure:</b>	Not applicable.
<b>Odour Threshold:</b>	Not available.	<b>Vapour Density:</b>	Not applicable.
<b>pH:</b>	Not applicable.	<b>Relative Density:</b>	Not available.
<b>Melting Point:</b>	Not available.	<b>Specific Gravity:</b>	Not available.
<b>Boiling Point:</b>	Not applicable.	<b>Solubility in Water:</b>	Partly mixes with water.
<b>Flash Point:</b>	Not available.	<b>Partition Coefficient:</b>	Not applicable.
<b>Evaporation Rate:</b>	Not applicable.	<b>Auto-ignition Temperature:</b>	Not available.
<b>Flammability:</b>	Not flammable.	<b>Decomposition Temperature:</b>	Not available.
<b>Upper Flammability Limits:</b>	Not available.	<b>Viscosity:</b>	Not applicable.

## Section 10: STABILITY AND REACTIVITY

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

**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, carbon monoxide 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.

Neomycin sulfate: LD<sub>50</sub> (oral): > 8000 mg/kg (mouse);  
Bacitracin zinc: LD<sub>50</sub> (oral): 2000 mg/kg (guinea pig), > 3750 mg/kg (mouse);  
Polymixin B sulfate: LD<sub>50</sub> (oral): 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. Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

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**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. Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. Entry into the bloodstream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.

**Skin Irritation / Corrosion:** 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 **Respiratory Sensitizer Category 1** - May cause allergy or asthma symptoms or breathing difficulties if inhaled. Neomycin sulfate has caused skin sensitisation reactions, shown as localised reddening and hives, or may produce respiratory sensitisation characterised by asthma-like symptoms and runny nose.

**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 be a reproductive toxicant. Ample evidence exists from experimentation that reduced fertility and developmental disorders are directly caused by long-term exposure to neomycin sulfate.

**STOT: Single Exposure:** No data for the mixture is available. Based on available data for the ingredients, the mixture is classified as **Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3**.

**STOT: Repeat Exposure:** No data for the mixture is available. Based on available data for the ingredients, the mixture is not thought to be a Specific Target Organ Toxicant after repeat exposure. Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis, caused by particles less than 0.5 micron penetrating and remaining in the lung. Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compounds.

**Aspiration hazard:** No data available.

**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.

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## Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** No data for the mixture is available. Based on available data for the ingredients the mixture is not classified as Ecotoxic to the environment.

### Fish

Neomycin sulfate: LC<sub>50</sub> (96 h): 80.8 mg/L.

Bacitracin zinc: No data.

Polymixin B sulfate: No data.

### Crustacea

Neomycin sulfate: EC<sub>50</sub> (24 h): 69.1 mg/L.

Bacitracin zinc: EC<sub>50</sub> (48 h): 21.82 mg/L.

Polymixin B sulfate: No data.

### Algae and other aquatic plants

Neomycin sulfate: No data.

Bacitracin zinc: No data.

Polymixin B sulfate: No data.

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Neomycin sulfate	No data available	No data available	No data available	No data available
Bacitracin zinc	No data available	No data available	No data available	No data available
Polymyxin B sulfate	No data available	No data available	No data available	No data available

## Section 13: DISPOSAL INFORMATION

**Product Disposal:** Dispose of product only by using according to APVMA approved label or by approved waste collection.

**Container Disposal:** Wrap with paper and place in garbage.

## Section 14: TRANSPORT INFORMATION

**Dangerous Goods Classification:** Not classified as a Dangerous Good for land sea or air transport.

## Section 15: REGULATORY INFORMATION

**Poisons Schedule:** Schedule 4

**APVMA Registration No:** 36211

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## Section 16: OTHER INFORMATION

This information is based on data believed by Zoetis 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 Pty Limited by reason of the provision of this information. Every person dealing with the materials referred to herein does 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:

<b>APVMA</b>	Australian Pesticides and Veterinary Medicines Authority.
<b>CAS No.</b>	Chemical Abstracts Service Registry Number.
<b>EC<sub>50</sub></b>	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.
<b>EPA</b>	Environmental Protection Authority.
<b>GHS</b>	Globally Harmonized System of Classification and Labelling of Chemicals.
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters.
<b>LC<sub>50</sub></b>	The median lethal concentration, being a statistically derived concentration of a substance that can be expected to cause death in 50% of animals.
<b>LD<sub>50</sub></b>	The median lethal dose, being a statistically derived single dose of a substance that can be expected to cause death in 50% of animals.
<b>PPE</b>	Personal Protective Equipment.
<b>PVC</b>	Polyvinyl Chloride.
<b>SDS</b>	Safety Data Sheet.
<b>STOT</b>	Specific Target Organ Toxicity.
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines and Poisons.

### References

NZ EPA CCID  
ChemIDPlus  
US EPA, Ecotox Database

### Revision History:

Date of Revision	Reason
01 August 2017	Updates to section 3
23 August 2022	Update to GHS 7. Addition of ecotoxicological data in Section 12.
1 March 2023	Update of Customer Service and emergency telephone numbers to Zoetis numbers.
24 June 2024	Update to Zoetis SDS

END OF SDS