

Section 1 - Identification of the Substance/Mixture and Supplier

Zoetis Australia Pty Ltd

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Product Identifier:	FelineGuard® 3 Vaccine
Other names:	None.
Chemical family:	Mixture.
APVMA approval number:	66311
Recommended Use:	For active immunisation of healthy cats against feline rhinotracheitis virus (feline herpes virus 1), feline calicivirus and feline panleukopenia virus (feline parvovirus or feline enteritis) as described on the product label.
Restrictions on use	For veterinary use only.
Emergency Phone:	1800 814 883 (all hours)

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Not classified as hazardous according to the criteria of SWA.

Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: Not Hazardous - No criteria found.

Safety Phrases: Not Hazardous - No criteria found.

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

GHS Classification: NONE. Not hazardous.

GHS Label Elements: None

Signal word: None

HAZARD STATEMENT:

None

PRECAUTIONARY STATEMENTS

None

PREVENTION

P102: Keep out of reach of children.

P281: Use personal protective equipment as required.

RESPONSE

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

P411: Store at temperatures not exceeding 8°C. (Refrigerate. Do not freeze).

DISPOSAL

P501: Discarded vials/containers should immediately be placed in a designated and appropriately labelled 'biologicals' container. If this option is not available, bury the vial/container below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and roots.

Other/supplementary hazards. None known.

Emergency Overview

Physical Description & colour: Freeze-dried preparation

Odour: No data re odour.

Major Health Hazards: no significant risk factors have been found for this product.

No specific medical attention is advised. Treat symptomatically.

SAFETY DATA SHEET

Issued by: Zoetis Australia Pty Ltd

Phone: 1800 814 883

Poisons Information Centre: 13 1126 from anywhere in Australia

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc,%	TWA (mg/m ³)	STEL (mg/m ³)
Gentamicin	1403-66-3	trace	not set	not set
Feline Viral Rhinotracheitis	not set	secret	not set	not set
Feline Calicivirus	not set	secret	not set	not set
Feline Panleukopenia	not set	secret	not set	not set
Water, purified	7732-18-5	>90	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.

Eye Contact: Immediately flush eyes with water for at least 15 minutes. If irritation occurs or persists, get medical attention.

Skin Contact: Wash skin with soap and water. If irritation occurs or persists, get medical attention.

Ingestion: Get medical attention. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms and Effects of Exposure: No data available.

Medical Conditions Aggravated by Exposure: None known.

Indication of the Immediate Medical Attention and Special Treatment Needed: No data available.

Notes to Physician: None.

Section 5 - Fire Fighting Measures

Hazards arising from the product: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

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.

Special Protective Equipment and Precautions for Firefighters: If a significant quantity of this product is involved in a fire, call the fire brigade.

Advice for Fire-Fighters: During all fire fighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

Additional Information: This material is not expected to support combustion.

Hazchem Code: None allocated.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.

Environmental Precautions: Place waste in an appropriately labelled, sealed container for disposal. Care should be taken to avoid environmental release.

Methods and Material for Containment and Cleaning Up

Measures for Cleaning / Collecting:

Contain the source of spill if it is safe to do so. Collect spilled material by a method that controls dust generation. A damp cloth or a filtered vacuum should be used to clean spills of dry solids. Clean spill area thoroughly.

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.

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Section 7 - Handling and Storage

Precautions for Safe Handling: Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing dust, vapour or mist. Avoid accidental injection. Releases to the environment should be avoided.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store under refrigeration in closed container.

Storage Temperature: Store between 2°C and 8°C. (Refrigerate. Do not freeze).

Incompatible Materials: This material can be denatured or inactivated by a variety of organic solvents, salts or heavy metals.

Specific end use(s): No data available.

Section 8 - Exposure Controls and Personal Protection

The purpose of the Occupational Exposure Band (OEB) classification system is to separate substances into different Hazard categories when the available data are sufficient to do so, but inadequate to establish an Occupational Exposure Limit (OEL). The OEB given is based upon an analysis of all currently available data; as such, this value may be subject to revision when new information becomes available.

Gentamicin Zoetis OEB: OEB 2 (control exposure to the range of 100µg/m³ to < 1000µg/m³)

Exposure Controls

Engineering Controls: General room ventilation is adequate unless the process generates dust, mist or fumes.

Personal Protective Equipment: Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).

Hands: Wear impervious gloves if skin contact is possible.

Eyes: Safety glasses or goggles

Skin: Wear protective clothing when working with large quantities.

Respiratory protection: If airborne exposures are within or exceed the Occupational Exposure Band (OEB) range, wear an appropriate respirator with a protection factor sufficient to control exposures to the bottom of the OEB range.

Section 9 - Physical and Chemical Properties:

Appearance:	Freeze-dried preparation
Odour:	No data re odour.
Odour Threshold:	No data.
pH:	5.5-8.5
Freezing/Melting Point:	Decomposes before melting.
Boiling Point:	Not applicable.
Flash point:	No data; this material is not expected to support combustion.
Upper Flammability Limit:	No data.
Lower Flammability Limit:	No data.
Autoignition temperature:	No data.
Flammability Class:	No data.
Upper Flammability Limit:	Does not burn.
Lower Flammability Limit:	Does not burn.
Autoignition temperature:	Not applicable - does not burn.
Flammability (solid, gas):	Not applicable.
Flammability Class:	Does not burn.
Decomposition Temperature:	No data.
Volatiles:	No data.
Vapour Pressure:	Expected to be negligible.
Vapour Density:	Not applicable.
Relative Density:	0.8-1.2
Water Solubility:	Soluble.
Solvent Solubility:	No data.
Volatility:	No data.

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Evaporation Rate:	Not applicable.
Partition Coefficient (n-octanol/water):	No data
Viscosity:	Not applicable.
Autoignition temp:	No data.
Refractive index:	Not applicable.
Optical rotation:	Not applicable.
Viscosity:	Not applicable.

Section 10 - Stability and Reactivity

Reactivity: No significant decomposition products. This material can be denatured or inactivated by a variety of organic solvents, salts or heavy metals.

Stability:

Conditions to Avoid: Store between 2°C and 8°C. (Refrigerate. Do not freeze). Prolonged exposure to higher temperatures and/or direct sunlight may adversely affect potency.

. Keep containers tightly closed. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatibilities: This material can be denatured or inactivated by a variety of organic solvents, salts or heavy metals.

Hazardous decomposition products: None expected under normal conditions.

Polymerisation: Polymerisation reactions are unlikely; they are not expected to occur.

Section 11 - Toxicological Information

Symptoms caused by Exposure

General Information: Toxicological properties of the formulation have not been investigated. The following information is available for the individual ingredients. The antigens included in this product are non-infectious. All have been prepared from attenuated preparations of microorganisms.

Gentamicin

Acute Toxicity: (Species, Route, End Point, Dose)

Rat, Oral, LD₅₀, 6600 mg/kg

Eye Irritation, Rabbit, Non-irritating

Rat, Subcutaneous, LD₅₀, 710mg/kg

Rat, IM, LD₅₀, 463 mg/kg

Irritation / Sensitization: (Study Type, Species, Severity)

Gentamicin

Eye Irritation, Rabbit, Non-irritating

Reproduction & Development Toxicity: (Duration, Species, Route, Dose, End Point, Effect(s))

Gentamicin

Embryo / Foetal Development, Rat, Intramuscular, 75 mg/kg/day, LOAEL, Developmental toxicity

Carcinogen Status: None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

Classification of Hazardous Ingredients

Ingredient	Risk Phrases
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No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

There is no data to hand indicating any particular target organs.

Respiratory or Skin Sensitisation: No data available.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive Toxicity: No data available.

Section 12 - Ecological Information

Insufficient data to be sure of status. This product is believed to not be environmentally hazardous.

Toxicity information: No data available.

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Persistence and degradability:	No data available.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
Other adverse effects:	No data available.

Section 13 - Disposal Considerations

Disposal: Discarded vials/containers should immediately be placed in a designated and appropriately labelled 'biologicals' container. If this option is not available, bury the vial/container below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and roots.

Section 14 - Transport Information

UN Number: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

Special precaution for user: No data available.

Additional Information: No data available.

Environmental Hazard: No data available.

Section 15 - Regulatory Information

Poison Schedule: S4

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

The following ingredients: Gentamicin, Feline Viral Rhinotracheitis, Feline Calicivirus, Feline Panleukopenia, are mentioned in the SUSMP.

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:

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

This version issued: 19 November 2015 and is valid until April, 2019.

Supersedes: None, first issue

Revision History:

Date of Revision	Reason
1 April 2014	New SDS
19 Nov 2015	Update Zoetis Address

Contact Points:

Zoetis	1800 814 883
Police and Fire Brigade:	Dial 000

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If ineffective:

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

THIS SDS SUMMARISES OUR CURRENT AND BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION ABOUT THE PRODUCT DETAILED IN THIS SDS, AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE FOR THE RECOMMENDED USE. EACH USER OF THE PRODUCT MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THEIR OWN WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT ZOETIS.

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)

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Prepared by Kilford & Kilford Pty Ltd

End of Safety Data Sheet

SAFETY DATA SHEET