

Section 1 - Identification of the Material and Supplier

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Chemical nature: Blend of ingredients. Active ingredient is an antibiotic

Trade Name: **VibraVet 100 Paste for Cats and Dogs**

Product Use: Antibiotic paste for cats and dogs for use as described on the product label

Creation Date: **September, 2006**

This version issued: **1 October 2016** and is valid for five years from this date

Section 2 - Hazards Identification

Appearance: Light brown paste

Classification of the Substance or Mixture

GHS – Classification

Reproductive Toxicity: Category 1A

Label Elements

Signal Word: Danger

Hazard Statements: H360 - May damage fertility or the unborn child

Precautionary Statements: P281 - Use personal protective equipment as required
 P308 + P313 - IF exposed or concerned: Get medical attention/advice
 P201 - Obtain special instructions before use
 P202 - Do not handle until all safety precautions have been read and understood



Other Hazards

Short Term: May cause allergic reactions in susceptible individuals.

Long Term: Repeat-dose studies in animals have shown a potential to cause adverse effects on liver.

Known Clinical Effects: May cause permanent discoloration of teeth if used during tooth development. May cause effects similar to those generally seen in clinical use of tetracyclines including gastrointestinal irritation, nausea, vomiting, and diarrhea. Photosensitivity has been reported in some individuals taking tetracyclines.

Note: This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The

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precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

Additional Information:

For a more detailed discussion of potential health hazards and toxicity see Section 11.

Section 3 - Composition/Information on Ingredients

Hazardous Ingredients	CAS No	Conc %	GHS Classification
Doxycycline monohydrate	17086-28-1	10	Repr. 1A (H360)
Silicon dioxide, colloidal NF	7631-86-9	*	Not Listed
Paraffin	8002-74-2	*	Not Listed
Sodium saccharin	128-44-9	*	Not Listed
Sodium metabisulfite USP	7681-57-4	<1.0	Acute Tox. 4 (H302) Eye Dam. 1 (H318)

Ingredients	CAS No	Conc %	GHS Classification
Flavor	NOT ASSIGNED	*	Not Listed
Edetate disodium	139-33-3	*	Not Listed
Caprylic/Capric triglyceride	73398-61-5	*	Not Listed

Additional Information:

* Proprietary

Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

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

Section 4 - First Aid Measures

Description of First Aid Measures**Eye Contact:**

Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.

Skin Contact:

Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.

Ingestion:

Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.

Inhalation:

Remove to fresh air and keep patient at rest. Seek medical attention immediately.

Most Important Symptoms and Effects, Both Acute and Delayed**Symptoms and Effects of Exposure:**

For information on potential signs and symptoms of exposure, See Section 2 - Hazards Identification and/or Section 11 - Toxicological Information.

Medical Conditions

None known

Aggravated by Exposure:**Indication of the Immediate Medical Attention and Special Treatment Needed****Notes to Physician:**

None

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Section 5 - Fire Fighting Measures

Extinguishing Media: Use carbon dioxide, dry chemical, or water spray.

Special Hazards Arising from the Substance or Mixture

Hazardous Combustion Products: Emits toxic fumes of carbon monoxide, carbon dioxide, and nitrogen oxides.

Fire / Explosion Hazards: Fine particles (such as dust and mists) may fuel fires/explosions.

Advice for Fire-Fighters

During all firefighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

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 labeled, 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 the spill or leak. Wipe up with a damp cloth and place in container for disposal. 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.

Section 7 - Handling and Storage

Precautions for Safe Handling

Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. When handling, use appropriate personal protective equipment (see Section 8). Releases to the environment should be avoided.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store at room temperature in properly labeled containers. Keep away from heat, sparks and flames.

Storage Temperature: Store as directed by product packaging.

Incompatible Materials: Acids

Specific end use(s): No data available

Section 8 - Exposure Controls and Personal Protection

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Control Parameters**Doxycycline monohydrate**Zoetis OEL TWA 8-hr 250 ug/m³**Silicon dioxide, colloidal NF**Australia TWA 2 mg/m³**Paraffin**ACGIH Threshold Limit Value (TWA) 2 mg/m³Australia TWA 2 mg/m³**Sodium metabisulfite USP**ACGIH Threshold Limit Value (TWA) 5 mg/m³Australia TWA 5 mg/m³**Exposure Controls****Engineering Controls:**

Engineering controls should be used as the primary means to control exposures. General room ventilation is adequate unless the process generates dust, mist or fumes. Keep airborne contamination levels below the exposure limits listed above in this section.

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:

Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.

Respiratory protection:

If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.

Section 9 - Physical and Chemical Properties:**Physical State:**

Paste

Color:

Light brown

Odor:

No data available

Odor Threshold:

No data available

Molecular Formula:

Mixture

Molecular Weight:

Mixture

Solvent Solubility:

No data available

Water Solubility:

No data available

pH:

No data available

Melting/Freezing Point (°C):

No data available

Boiling Point (°C):

No data available

Partition Coefficient: (Method, pH, Endpoint, Value)

No data available

Decomposition Temperature (°C):

No data available

Evaporation Rate (Gram/s):

No data available

Vapor Pressure (kPa):

No data available

Vapor Density (g/ml):

No data available

Relative Density:

No data available

Viscosity:

No data available

Flammability:

Autoignition Temperature (Solid) (°C): No data available

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Flammability (Solids):	No data available
Flash Point (Liquid) (°C):	No data available
Upper Explosive Limits (Liquid) (% by Vol.):	No data available
Lower Explosive Limits (Liquid) (% by Vol.):	No data available
Polymerization:	Will not occur

Section 10 - Stability and Reactivity

Reactivity:	No data available
Chemical Stability:	Stable under normal conditions of use
Possibility of Hazardous Reactions	
Oxidizing Properties:	No data available
Conditions to Avoid:	Fine particles (such as dust and mists) may fuel fires/explosions.
Incompatible Materials:	Acids
Hazardous Decomposition	No data available
Products:	

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Information on Toxicological Effects

General Information: Toxicological properties of the formulation have not been fully investigated. The information included in this section describes the potential hazards of the individual ingredients.

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

Caprylic/Capric triglyceride

Rat	Oral	LD50	> 5000 mg/kg
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Edetate disodium

Rat	Oral	LD50	2000-2200 mg/kg
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Sodium saccharin

Mouse	Oral	LD50	17.5 g/kg
Rat	Oral	LD50	14.2 - 17g/kg
Rat	Intraperitoneal	LD50	7100mg/kg

Paraffin

Rat	Oral	LD50	>3750 mg/kg
Rabbit	Dermal	LD50	>3600mg/kg

Acute Toxicity Comments: A greater than symbol (>) indicates that the toxicity endpoint being tested was not achievable at the highest dose used in the test.

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

Paraffin

Skin Irritation	Rabbit	Mild
Eye Irritation	Rabbit	Mild

Repeated Dose Toxicity: (Duration, Species, Route, Dose, End Point, Target Organ)

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Doxycycline monohydrate

30 Day(s)	Rat	Oral 500 mg/kg/day	NOEL	No effects at maximum dose
18 Month(s)	Rat	Oral 500 mg/kg/day	NOAEL	None identified
1 Year(s)	Dog	Oral 100 mg/kg/day	LOEL	Liver

Sodium saccharin

36 Week(s)	Rat	Oral 756 g/kg	LOAEL	Kidney, Ureter, Bladder
54 Day(s)	Rat	Oral 32400 mg/kg	LOAEL	Immune system

Reproduction & Developmental Toxicity: (Study Type, Species, Route, Dose, End Point, Effect(s))**Doxycycline monohydrate**

Reproductive & Fertility	Rat	Oral 250 mg/kg/day	NOAEL	No effects at maximum dose
Embryo / Fetal Development	Monkey	Oral 50 mg/kg/day	NOAEL	Not Teratogenic

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

Silicon dioxide, colloidal NF

IARC: Group 3 (Not Classifiable)

Sodium saccharin

IARC: Group 3 (Not Classifiable)

Sodium metabisulfite USP

IRAC: Group 3 (Not Classifiable)

Section 12 - Ecological Information

Environmental Overview: The environmental characteristics of this material have not been fully evaluated. Releases to the environment should be avoided

Toxicity: No data available

Persistence and Degradability: No data available

Bio-accumulative Potential: No data available

Mobility in Soil: No data available

Section 13 - Disposal Considerations

Waste Treatment Methods: Dispose of small quantities and empty containers by wrapping with
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paper and putting in garbage. For larger quantities use a commercial waste disposal service.

Section 14 - Transport Information

The following refers to all modes of transportation unless specified below.

Not regulated for transport under IATA, ADG or IMDG regulations.

Section 15 - Regulatory Information

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Poison Schedule: Schedule 4

Doxycycline monohydrate

Australia (AICS): Present

Silicon dioxide, colloidal NF

Australia (AICS): Present

Paraffin

Australia (AICS): Present

Edetate disodium

Australia (AICS): Present

Sodium saccharin

Australia (AICS): Present

Caprylic/Capric triglyceride

Australia (AICS): Present

Sodium metabisulfite USP

Australia (AICS): Present

Section 16 - Other Information

This version issued: 1 October 2016 and is valid for 5 years from this date

Supersedes: Revision issued October 2015

Revision History:

Date of Revision	Reason
October 2015	Update Zoetis name and address
01 Oct 2016	Update to GHS format.

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Contact Points:

Zoetis
Police and Fire Brigade:

1800 814 883
Dial 000

**If ineffective: Dial Poisons
Information Centre (13 11 26
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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End of Safety Data Sheet

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