

<b>SECTION 1: IDENTIFICATION</b>	
<b>1.1 Product identifier</b>	
<b>Product name:</b>	Doxy 100 Paste
<b>Synonyms:</b>	Not Available
<b>Proper Shipping name:</b>	Not Available
<b>Other means of identification:</b>	None
<b>1.2 Relevant identified uses of the substances or mixture and uses advised against</b>	
<b>Recommended uses:</b>	For treatment of bacterial infections in cats.
<b>Uses advised against:</b>	None
<b>1.3 Details of the supplier of the substance or mixture</b>	
<b>Registered company name:</b>	Apex Laboratories Pty Ltd
<b>Address:</b>	Apex Laboratories Pty Ltd ACN 614 716 700 2 Cal Close Somersby NSW 2250
<b>Telephone:</b>	1300 015 825 (Business hours: 08:30 – 17:30)
<b>Fax:</b>	+61 2 4372 1668
<b>Email:</b>	thetvet@apexlabs.com.au
<b>Website:</b>	www.apexlabs.com.au
<b>1.4 Emergency Telephone Numbers</b>	
	13 11 26 (Poisons Information Centre)
<b>SECTION 2: HAZARDS IDENTIFICATION</b>	
<b>2.1 Classification of the substance or mixture</b>	
<b>GHS classification(s):</b>	Toxic to reproduction – Category 1 Skin sensitizer – Sub-category 1B
<b>2.2 Label Elements</b>	
<b>Signal Word:</b>	<b>DANGER</b>
<b>Hazard Statement(s)</b>	
<b>H360D</b>	May damage the unborn child
<b>H317</b>	May cause an allergic skin reaction
<b>Additional Statement(s)</b>	

None	
<b>Precautionary Statement(s) Prevention:</b>	
<b>P280</b>	Wear protective gloves
<b>P272</b>	Contaminated work clothing should not be allowed out of the workplace
<b>Precautionary Statement(s) Response:</b>	
<b>P202</b>	Do not handle until all safety precautions have been read and understood
<b>P281</b>	Use personal protective equipment as required
<b>P308 + P313</b>	If exposure or concerned: get medical advice
<b>P302 + P352</b>	If on skin: wash with plenty of soap and water
<b>P333 + P313</b>	If skin irritation or rash occurs: get medical advice
<b>Precautionary Statement(s) Storage:</b>	
<b>P405</b>	Store locked up
<b>Precautionary Statement(s) Disposal:</b>	
<b>P501</b>	Dispose of contents/packaging according to local regulations
<b>2.3 Other Hazard Information</b>	
N/a	

<b>SECTION 3: INFORMATION ON THE INGREDIENTS</b>			
<b>3.1 Substances</b>			
See section below for composition of mixtures			
<b>3.2 Mixtures</b>			
<b>Ingredient</b>	<b>CAS No</b>	<b>EC Number</b>	<b>Content</b>
Doxycycline monohydrate	17086-28-1	Not listed	10%
Other non-hazardous ingredients	N/a	N/a	To 100%
<b>SECTION 4: FIRST AID MEASURES</b>			
<b>4.1 Description of first aid measures</b>			
<b>Eye contact:</b>	In case of accidental contact of the product with the eyes rinse abundantly with fresh water, removing any contact lenses. Seek		

	medical attention if irritation persists, showing the package leaflet or the label to the medical practitioner.
<b>Skin contact:</b>	In case of accidental contact of the product with the skin rinse abundantly with fresh water and non-abrasive soap. Seek medical attention if irritation persists, showing the package leaflet or the label to the medical practitioner.
<b>Inhalation:</b>	Generally not required due to the nature and packaging of the product. If concerned, remove to fresh air and seek medical advice if irritation occurs.
<b>Ingestion:</b>	Rinse mouth with water and give water to drink. Seek medical advice immediately.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
See Section 11	
<b>4.3 Indication of immediate medical attention and special treatment needed</b>	
Not Available	
<b>SECTION 5: FIRE FIGHTING MEASURES</b>	
<b>5.1 Extinguishing media</b>	
<b>Suitable:</b>	Dry agent, water fog, mist or spray, carbon dioxide. As appropriate for surrounding area.
<b>Unsuitable:</b>	None.
<b>5.2 Special hazards arising from the substance or mixture</b>	
<b>Fire incompatibility:</b>	None known
<b>5.3 Special protective actions for fire-fighters:</b>	
<b>Firefighting:</b>	Alert Fire Brigade and tell them location and nature of hazard. Cool containers with water spray. Wear full breathing apparatus and self-contained breathing apparatus.
<b>Fire / explosion hazard:</b>	No known toxic hazards.
<b>Hazchem code:</b>	None allocated.
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
For information on protective equipment, see section 8.	
<b>6.2 Environmental Precautions</b>	
Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.	

<b>6.3 Methods and material for containment and cleaning up</b>	
<b>Minor Spills:</b>	Spillage of the product is unlikely to be serious. However, avoid contact with skin and eyes.
<b>Major Spills:</b>	For large spills, take precautions to prevent entry into waterways, sewers, or surface drainage systems. Control personal contact with the substance, by using protective equipment. Avoid contact with skin and eyes. Collect spillage into clean, dry, labelled containers and dispose after consulting appropriate authorities.
<b>SECTION 7: HANDLING AND STORAGE</b>	
<b>7.1 Precautions for safe handling</b>	
<b>Safe Handling:</b>	Wear suitable protective gloves and clothing when handling the product, keeping exposure to the product to a minimum. Wash hands after handling the product. Prohibit eating, drinking and smoking in storage and handling areas. Observe manufacturer's storage and handling recommendations.
<b>Other Information:</b>	Keep out of the reach and sight of children.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
<b>Suitable Container:</b>	Store below 30°C (room temperature). Storage areas and containers should be protected from light, freezing or physical damage and tightly sealed when not in use.
<b>Storage incompatibility:</b>	Not available.
<b>7.3 Specific end uses</b>	
Not available	

<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
<b>8.1 Control parameters</b>	
<b>OCCUPATIONAL EXPOSURE LIMITS (OEL)</b>	
<b>INGREDIENT DATA:</b>	
Not Available	
<b>EMERGENCY LIMITS:</b>	
Not Available	
<b>8.2 Exposure controls</b>	
<b>Appropriate engineering controls:</b>	The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the particular risk.
<b>Personal protection:</b>	Not required when product used as directed.
<b>Eye and face protection:</b>	No special equipment needed when handling small quantities. OTHERWISE: Safety glasses with side shields / chemical goggles
<b>Skin protection:</b>	See hand protection below
<b>Hands/ feet protection:</b>	Not required when product used as directed. Sensitive individuals should wear gloves.
<b>Body protection:</b>	Wear appropriate clothing
<b>Other protection:</b>	No special equipment needed when handling small quantities
<b>Thermal hazards:</b>	Not applicable
<b>Respiratory protection:</b>	Not required under normal conditions of use.
<b>8.3 Environmental exposure controls</b>	
See Section 12	

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

**Appearance:** Brown paste  
**Physical state:** Paste  
**Odour:** Beef odour  
**Odour Threshold:** Not available  
**pH (as supplied):** Not available  
**Melting point / freezing point (degrees C):** Not available  
**Initial boiling point and boiling range:** Not available  
**Flash Point:** Not available  
**Evaporation rate:** Not available  
**Flammability:** Not available  
**Upper/lower flammability or explosive limits:** Not available  
**Vapour pressure:** Not available  
**Relative Density (at degrees C):** Not available  
**Specific gravity/density:** Not available  
**Solubility in water and solvents (mg/l):** Not available  
**Vapour density:** Not available  
**Auto ignition temperature (degrees C):** Not available  
**Decomposition temperature (degrees C):** Not available  
**Viscosity: (degrees C):** Not available  
**Explosive properties:** Not available  
**Oxidising properties:** Not available  
**Partition Coefficient:** Not available  
**Molecular weight:** Not available  
**Taste:** Not available  
**Surface tension:** Not available  
**Volative component:** Not available  
**Gas group:** Not available  
**pH as a solution:** Not available  
**VOC g/L:** Not available

**9.2 Other information**  
 Not Available

**SECTION 10: REACTIVITY AND STABILITY**

<b>10.1 Reactivity:</b>	See Section 7
<b>10.2 Chemical stability:</b>	Product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>10.3 Possibility of hazardous reactions:</b>	Stable under normal temperatures and conditions.
<b>10.4 Conditions to avoid:</b>	No conditions to avoid other than extreme heat.
<b>10.5 Incompatible materials:</b>	No data available.

<b>10.6 Hazardous decomposition:</b>	No known decomposition products.	
<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>		
<b>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126</b>		
<b>Inhalation:</b>	Not normally a hazard due to non-volatile nature of the product.	
<b>Ingestion:</b>	Ingestion may result in irritation of the gastrointestinal tract, nausea, vomiting and diarrhea. May cause permanent discolouration of teeth if used during tooth development. Photosensitivity has been reported.	
<b>Skin contact:</b>	May irritate the skin in some persons. Hypersensitivities can produce red rashes, dermatitis with sloughing, hives and swollen cracked lips. Loosening and pigmentation of the nails can also occur.	
<b>Eye contact:</b>	May irritate the eyes.	
<b>Chronic:</b>	Repeated exposure may cause allergic reactions.	
<b>Doxycycline:</b>	<b>Acute toxicity</b>	<b>Irritation</b>
	Oral (rat) LD <sub>50</sub> : >5000 mg/kg	Skin (rabbit): non-irritating
		Eye (rabbit): non-irritating
<b>Skin corrosion/irritation:</b>		
The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling epidermis. Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis.		
<b>Serious eye damage/irritation:</b>		
Unlikely to cause eye irritation.		
<b>Respiratory or skin sensitization:</b>		
The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling epidermis. Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis.		
<b>Germ cell mutagenicity:</b>		
Not expected to be mutagenic.		
<b>Carcinogenicity:</b>		
Not expected to be carcinogenic.		

<b>Reproductive toxicity:</b>
Reproductive & fertility: Oral (rat) 250 mg/kg/day; NOAEL no effect at max dose Embryo/fetal development: Oral (monkey) 50 mg/kg/day; NOAEL not teratogenic
<b>STOT – single exposure:</b>
Not available
<b>STOT–repeated exposure:</b>
Not available
<b>Aspiration hazard:</b>
Not available

<b>SECTION 12: ECOLOGICAL INFORMATION</b>
<b>12.1 Toxicity</b>
No data available
<b>12.2 Persistence and degradability</b>
No data available
<b>12.3 Bioaccumulative potential</b>
No data available
<b>12.4 Mobility in Soil</b>
No data available
<b>12.5 Other adverse effects</b>
Not Available

<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>	
<b>13.1 Waste treatment methods</b>	
<b>Product / packaging disposal:</b>	<p>Empty containers may be recycled or sent to a commercial waste disposal site. Unused product should be suitable for landfill; however, contact the relevant local Waste Disposal Authority.</p> <p>Any unused veterinary medicinal product or waste material derived from such veterinary medicinal products should be disposed of in accordance with national requirements.</p> <p>Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area.</p>



<b>Waste Treatment Options:</b>	Do not dispose into sewers or waterways	
<b>Sewage Disposal Options:</b>	Do not dispose into sewers or waterways	
<b>SECTION 14: TRANSPORT INFORMATION</b>		
<b>Labels required:</b>	None	
<b>Marine pollutant:</b>	NO	
<b>Hazchem:</b>	N/a	
<b>Land transport (ADG):</b>		
<b>14.1 UN Number</b>	N/a	
<b>14.2 UN Proper Shipping Name</b>	N/a	
<b>14.3 Transport hazard class(es)</b>	Class	N/a
	Sub risk	N/a
<b>14.4 Packing group</b>	N/a	
<b>14.5 Environmental hazards</b>	N/a	
<b>14.6 Special precautions for user</b>	Special provisions	N/a
	Classification code	N/a
	Hazard Label	N/a
	Special provisions	N/a
	Limited quantity	N/a

<b>Air transport (IATA / ICAO):</b>		
<b>14.1 UN Number</b>	N/a	
<b>14.2 UN Proper Shipping Name</b>	N/a	
<b>14.3 Transport hazard class(es)</b>	ICAO/IATA Class	N/a
	ICAO / IATA Sub risk	N/a
	ERG Code	N/a
<b>14.4 Packing group</b>	N/a	
<b>14.5 Environmental hazards</b>	N/a	
<b>14.6 Special precautions for user</b>	Special provisions	N/a
	Cargo only packing instructions	N/a
	Cargo only maximum qty/pack	N/a
	Passenger and cargo packaging instructions	N/a
	Passenger and cargo maximum qty/pack	N/a
	Passenger and cargo limited quantity packing instructions	N/a
	Passenger and cargo limited maximum qty/pack	N/a
<b>Sea transport (IMDG / IMO):</b>		
<b>14.1 UN Number</b>	N/a	
<b>14.2 UN Proper Shipping Name</b>	N/a	
<b>14.3 Transport hazard class(es)</b>	IMDG Class	N/a
	IMDG Sub risk	N/a
<b>14.4 Packing group</b>	N/a	
<b>14.5 Environmental hazards</b>	N/a	
<b>14.6 Special precautions for user</b>	EMS Number	N/a
	Special provisions	N/a
	Limited quantities	N/a

<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture</b>	
Australian Pesticides & Veterinary Medicines Authority (APVMA) Approval No.: 70121	
<b>Poison Schedule</b>	Classified as Schedule 4 according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
<b>Classifications</b>	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].
<b>Hazard codes</b>	H317: May cause an allergic skin reaction H360D: May damage the unborn child
<b>Risk phrases</b>	R43: May cause sensitisation by skin contact R61: May cause harm to the unborn child
<b>Safety phrases</b>	Not Applicable
<b>Inventory listing(s)</b>	<b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b> All components are listed on AICS, or are exempt.
<b>SECTION 16: OTHER INFORMATION</b>	
<b>WORKPLACE CONTROLS AND PRACTICES:</b> Unless a less toxic chemical can be substituted for a hazardous substance, ENGINEERING CONTROLS are the most effective way of reducing exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Isolating operations can also reduce exposure. Using respirators or protective equipment is less effective than the controls mentioned above, but is sometimes necessary.	
<b>PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:</b> The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.	
<b>HEALTH EFFECTS FROM EXPOSURE:</b> It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.	
<b>ABBREVIATIONS:</b> <b>ACGIH:</b> American Conference of Governmental Industrial Hygienists <b>CAS #:</b> Chemical Abstract Service number - used to uniquely identify chemical compounds <b>CNS:</b> Central Nervous System <b>EC No.:</b> EC No - European Community Number	

**EMS:** Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)  
**GHS:** Globally Harmonized System  
**GTEPG:** Group Text Emergency Procedure Guide  
**IARC:** International Agency for Research on Cancer  
**LC50:** Lethal Concentration, 50% / Median Lethal Concentration  
**LD50:** Lethal Dose, 50% / Median Lethal Dose  
**mg/m<sup>3</sup>:** Milligrams per Cubic Metre  
**OEL:** Occupational Exposure Limit  
**pH:** relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).  
**ppm:** Parts Per Million  
**STEL:** Short-Term Exposure Limit  
**STOT-RE:** Specific target organ toxicity (repeated exposure)  
**STOT-SE:** Specific target organ toxicity (single exposure)  
**SUSMP:** Standard for the Uniform Scheduling of Medicines and Poisons  
**SWA:** Safe Work Australia  
**TLV:** Threshold Limit Value  
**TWA:** Time Weighted Average

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled and used in the workplace. Apex Laboratories Pty Ltd make no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers ("the product").

The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability prior to use of the product. The physical data shown herein are typical values based on material tested. These values should not be construed as guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots hereof.