

	1 34	7464-00012	Date of first issue: 19.03.2021
	:	Spiramycin Form	nulation
cturer or supplier's d	etai	ls	
у	:	Intervet Australia	a Pty Limited (trading as MSD Animal Health)
	:		treet /ictoria Austrailia
ne	:	1 800 033 461	
ncy telephone number	:	Poisons Informat	tion Centre: Phone 13 11 26
ddress	:	EHSDATASTEW	/ARD@msd.com
mended use of the ch	nem	ical and restriction	ons on use
	:	Veterinary produ Not applicable	ict
	ny s one ncy telephone number address	name : cturer or supplier's detainy : s : one : ncy telephone number : address : mended use of the chem nended use :	name : Spiramycin Form cturer or supplier's details ny : Intervet Australia s : 91-105 Harpin S Bendigo 3550, V one : 1 800 033 461 ncy telephone number : Poisons Informa address : EHSDATASTEV mended use of the chemical and restriction nended use : Veterinary produ

GHS Classification Serious eye damage/eye irri- : tation	Category 2A
Reproductive toxicity :	Category 1B
GHS label elements Hazard pictograms	
Signal word :	Danger
Hazard statements :	H319 Causes serious eye irritation. H360FD May damage fertility. May damage the unborn child.
Precautionary statements :	 Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	Response:





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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
2-Pyrrolidone	616-45-5	>= 30 -< 60
Benzyl alcohol	100-51-6	< 10
Spiramycin	8025-81-8	< 10

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. Get medical attention.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and	:	Causes serious eye irritation. May damage fertility. May damage the unborn child.



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delay Prote	ed ction of first-aiders	:	and use the re when the poter	nders should pay attention to self-protection, commended personal protective equipment ntial for exposure exists (see section 8).			
	to physician	:	: Treat symptomatically and supportively.				
	5. FIREFIGHTING MEA	SU	RES				
	Suitable extinguishing media		: Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical				
media		•	None known.				
fightin	0	:		ombustion products may be a hazard to health.			
Hazaı ucts	dous combustion prod-	:	: Nitrogen oxides (NOx) Carbon oxides				
Speci ods	fic extinguishing meth-	:	cumstances ar Use water spra	ning measures that are appropriate to local cir- nd the surrounding environment. ay to cool unopened containers. maged containers from fire area if it is safe to c			
	al protective equipment efighters	:	Evacuate area In the event of	fire, wear self-contained breathing apparatus. protective equipment.			
ECTION	6. ACCIDENTAL RELE	AS	E MEASURES				
tive e	nal precautions, protec- quipment and emer- procedures	:	Follow safe ha	protective equipment. Indling advice (see section 7) and personal pro ent recommendations (see section 8).			
Enviro	onmental precautions	 Avoid release to the environment. Prevent further leakage or spillage if safe to do s Prevent spreading over a wide area (e.g. by con barriers). Retain and dispose of contaminated wash water Local authorities should be advised if significant cannot be contained. 		r leakage or spillage if safe to do so. ding over a wide area (e.g. by containment or c pose of contaminated wash water. es should be advised if significant spillages			
	ods and materials for inment and cleaning up	:	For large spills ment to keep r be pumped, st Clean up rema bent.	nert absorbent material. b, provide dyking or other appropriate contain- naterial from spreading. If dyked material can ore recovered material in appropriate containe aining materials from spill with suitable absor-			

Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.



SECTION 7. HANDLING AND STORAGE

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Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

Section 7. HANDEING AND ST	UNADE
Technical measures	: See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	: If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	 Do not get on skin or clothing. Do not breathe vapours or spray mist. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Keep container tightly closed. Take care to prevent spills, waste and minimize release to the environment.
Hygiene measures	 If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls.
Conditions for safe storage	 Keep in properly labelled containers. Store locked up. Keep tightly closed. Store in accordance with the particular national regulations.
Materials to avoid	: Do not store with the following product types: Strong oxidizing agents

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

:

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Spiramycin	8025-81-8	TWA	1000 ug/m3 (OEB 1)	Internal

Engineering measures

Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., dripless quick connections).



Odour Threshold

Melting point/freezing point

Initial boiling point and boiling

pН

range

Flash point

Evaporation rate

flammability limit

flammability limit

Flammability (solid, gas)

Upper explosion limit / Upper

Lower explosion limit / Lower

Flammability (liquids)



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		design a	eering controls should be implemented by facility nd operated in accordance with GMP principles to
			products, workers, and the environment. The operations do not require special containment.
Perso	onal protective equip	nent	
·	ratory protection	sure ass ommend	ate local exhaust ventilation is not available or expo- essment demonstrates exposures outside the rec- led guidelines, use respiratory protection.
	ter type protection	: Organic	vapour type
	aterial	: Chemica	al-resistant gloves
Еуе р	rotection	If the wo mists or Wear a f	fety glasses with side shields or goggles. rk environment or activity involves dusty conditions, aerosols, wear the appropriate goggles. aceshield or other full face protection if there is a for direct contact to the face with dusts, mists, or
Skin a	and body protection		iform or laboratory coat.
SECTION	9. PHYSICAL AND C	HEMICAL PRO	PERTIES
Appea	arance	: Aqueou	s solution
Colou	r	: light yel	low
Odou	r	: No data	available

No data available

: No data available

Not applicable

8.0 - 10.0

1

:

2

:

1

:

2

2

:



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Vap	our pressure	:	No data available	e
Rela	ative vapour density	:	No data available	9
Rela	ative density	:	No data available	9
Den	sity	:	0.950 - 1.150 g/c	cm ³
	ıbility(ies) Vater solubility	:	No data available	9
	ition coefficient: n- nol/water	:	Not applicable	
	p-ignition temperature	:	No data available	e
Dec	omposition temperature	:	No data available	e
	osity /iscosity, kinematic	:	No data available	e
Exp	losive properties	:	Not explosive	
Oxic	dizing properties	:	The substance o	r mixture is not classified as oxidizing.
Mol	ecular weight	:	No data available	e
	icle characteristics icle size	:	Not applicable	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	Can react with strong oxidizing agents.
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Exposure routes	: Inhalation Skin contact Ingestion Eye contact
	Eye contact

Acute toxicity

Not classified based on available information.



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Prod Acute	uct: e oral toxicity	:	Acute toxicity estin Method: Calculatio	mate: > 2,000 mg/kg on method
Acute	inhalation toxicity	:	Acute toxicity estimate: > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method	
<u>Com</u>	oonents:			
2-Pyr	rolidone:			
Acute	e oral toxicity	:	LD50 (Rat): > 2,00 Method: OECD Te Assessment: The icity	
Acute	e dermal toxicity	:	LD50 (Rabbit): > 2 Method: OECD Te Assessment: The toxicity	
Benz	yl alcohol:			
Acute	oral toxicity	:	LD50 (Rat): 1,620	mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 4.1 Exposure time: 4 Test atmosphere: Method: OECD Te	h dust/mist
Spira	mycin:			
-	e oral toxicity	:	LD50 (Mouse, adu	ult): 2,900 mg/kg
			LD50 (Rat, adult):	3,550 mg/kg
			LD50 (Dog, adult)	: 5,200 mg/kg
			LD50 (Rabbit, adu	ult): 4,300 mg/kg
Acute	inhalation toxicity	:	Remarks: No data	a available
	e toxicity (other routes of nistration)	:	LD50 (Mouse): 13 Application Route	
			LD50 (Rat): 170 n Application Route	
			LD50 (Rabbit): 18 Application Route	



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Skin corrosion/irritation

Not classified based on available information.

Components:

2-Pyrrolidone:

Species	: Rabbit
Method	: OECD Test Guideline 404
Result	: No skin irritation

Benzyl alcohol:

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:

2-Pyrrolidone:

Species	:	Rabbit
Result	:	Irritation to eyes, reversing within 7 days

Benzyl alcohol:

	-	Rabbit Irritation to eyes, reversing within 21 days
Method	:	OECD Test Guideline 405

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

2-Pyrrolidone:

Test Type :	Local lymph node assay (LLNA)
Exposure routes :	Skin contact
Species :	Mouse
Method :	OECD Test Guideline 429
Result :	negative
Remarks :	Based on data from similar materials

Benzyl alcohol:

Test Type	: Maximisation Test
Exposure routes	: Skin contact



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Spec Meth Resu	od	: Guinea pig : OECD Test Guideline 406 : negative	
Test	sure routes ies	 Magnusson-Kligman-Test Skin contact Guinea pig Not a skin sensitizer. 	
Gern Not c	nic toxicity n cell mutagenicity classified based on av	ilable information.	
	ponents:		
-	rrolidone: otoxicity in vitro	: Test Type: Bacterial reverse n Result: negative	nutation assay (AMES)
		Test Type: In vitro mammaliar Method: OECD Test Guideline Result: negative Remarks: Based on data from	9 476
		Test Type: Chromosome aber Method: OECD Test Guideline Result: negative	
Geno	otoxicity in vivo	: Test Type: Mammalian erythro cytogenetic assay) Species: Mouse Application Route: Intraperitor Method: OECD Test Guideline Result: negative	
Benz	yl alcohol:		
	ptoxicity in vitro	: Test Type: Bacterial reverse n Result: negative	nutation assay (AMES)
Geno	otoxicity in vivo	: Test Type: Mammalian erythro cytogenetic assay) Species: Mouse Application Route: Intraperitor Result: negative	ocyte micronucleus test (in vivo neal injection
Spira	amycin:		
-	otoxicity in vitro	: Test Type: In vitro mammaliar Test system: Chinese hamste	



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	Revision Date: 06.04.2024			Date of last issue: 30.09.2023 Date of first issue: 19.03.2021		
			Popult: pogetive			
			Result. negative			
			Test Type: Cytog Test system: Chi Result: negative	enetic assay nese hamster ovary cells		
		Test Type: In vitro mammalian cell gene mutation test Test system: Mouse Result: negative				
Caroir	o gonioity					
	• •	ilabla	information			
		liable	iniornation.			
Comp	onents:					
2-Pyrr	olidone:					
		:	Mouse			
		:				
•		:	18 month(s)			
	Not cla <u>Comp</u> 2-Pyrr Specie Applica Expos	Carcinogenicity	5.7 06.04.2024 79 Carcinogenicity Not classified based on available Components: 2-Pyrrolidone: Species : Application Route : Exposure time :	2.7 06.04.2024 7947464-00012 Result: negative Test Type: Cytog Test system: Chi Result: negative Test Type: In vitr Test Type: In vitr Test system: Mod Result: negative Carcinogenicity Not classified based on available information. Components: 2-Pyrrolidone: Species : Mouse Application Route : Ingestion Exposure time : 18 month(s)		

Opeolog	. 100050
Application Route	: Ingestion
Exposure time	: 18 month(s)
Result	: negative
Remarks	: Based on data from similar materials

Benzyl alcohol:

Species	:	Mouse
Application Route	:	Ingestion
Exposure time	:	103 weeks
Method	:	OECD Test Guideline 451
Result	:	negative

Spiramycin:

Species	:	Rat, male and female
Application Route	:	Oral
Exposure time	:	2 Years
Result	:	negative

Reproductive toxicity

May damage fertility. May damage the unborn child.

Components:

2-Pyrrolidone:

Effects on fertility	:	Test Type: One-generation reproduction toxicity study Species: Rat Application Route: Ingestion Result: positive Remarks: Based on data from similar materials
Effects on foetal develop- ment	:	Test Type: Embryo-foetal development Species: Rat Application Route: Ingestion



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			Result: positive	
Repression session	oductive toxicity - As- ment	:	ity, based on anir	f adverse effects on sexual function and fertil- nal experiments., Clear evidence of adverse pment, based on animal experiments.
Benz	yl alcohol:			
Effec	ts on fertility	:	Species: Rat Application Route Result: negative	y/early embryonic development e: Ingestion on data from similar materials
Effec ment	ts on foetal develop-	:	Test Type: Embry Species: Mouse Application Route Result: negative	vo-foetal development e: Ingestion
Spira	amycin:			
Effec	ts on fertility	:		le eproductive organs in sperm morphology, Effects on male re-
Effec ment	ts on foetal develop-	:	Species: Rabbit Application Route General Toxicity Developmental T	/o-foetal development e: Oral Maternal: 100 mg/kg body weight oxicity: LOAEL: 200 mg/kg body weight kicity: LOAEL: 200 mg/kg body weight

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

2-Pyrrolidone:

Species	:	Rat
NOAEL	:	207 mg/kg
Application Route	:	Ingestion
Exposure time	:	3 Months
Method	:	OECD Test Guideline 408

Benzyl alcohol:



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	EL cation Route sure time	: Rat : 1.072 mg/l : inhalation (du : 28 Days : OECD Test G	
Spira	imycin:		
Spec NOAI Appli Expo	ies	: Rat, male and : 140 mg/kg : Oral : 13 Weeks : Immune syste	
Expo		: Rat, male and : 5.6 mg/kg : Intravenous : 32 d : Central nervo	
Expo		: Dog, male an : 75 mg/kg : Oral : 2 yr : Kidney, male	d female reproductive organs, optic nerve
Expo Numb		 Dog, male an 169 mg/kg Intravenous 4 Weeks 2 injections p spleen, Kidne 	er day
Expo		: Dog, male an : 50 mg/kg : Intravenous : 4 Weeks : Central nervo	
•	r ation toxicity lassified based on av	ailable information.	
Expe	rience with human e	exposure	
<u>Com</u>	ponents:		
	imycin:		

General Information

: May cause Symptoms: Nausea, Vomiting, Diarrhoea



ersion .7	Revision Date: 06.04.2024		95 Number: 47464-00012	Date of last issue: 30.09.2023 Date of first issue: 19.03.2021
	er information			
Spira Rema	mycin: ırks	:	No data available	9
ECTION	12. ECOLOGICAL INFO	DRI	IATION	
Ecoto	oxicity			
Comp	oonents:			
•	rolidone:			
Toxici	ity to fish	:	Exposure time: 9	o (zebra fish)): > 4,600 - 10,000 mg/l 6 h ēst Guideline 203
	ty to daphnia and other ic invertebrates	:	EC50 (Daphnia n Exposure time: 4	nagna (Water flea)): > 500 mg/l 8 h
Toxici plants	ty to algae/aquatic	:	ErC50 (Desmode Exposure time: 7	esmus subspicatus (green algae)): > 500 m 2 h
			EC10 (Desmode Exposure time: 7	smus subspicatus (green algae)): 22.2 mg/ 2 h
Toxici	ty to microorganisms	:	EC50: > 1,000 m Exposure time: 3 Method: OECD T	
Benz	yl alcohol:			
	ty to fish	:	LC50 (Pimephale Exposure time: 9	es promelas (fathead minnow)): 460 mg/l 6 h
	ty to daphnia and other ic invertebrates	•	Exposure time: 4	nagna (Water flea)): 230 mg/l 8 h ⁻ est Guideline 202
Toxici plants	ity to algae/aquatic	:	mg/l Exposure time: 7	chneriella subcapitata (green algae)): 770 2 h ēst Guideline 201
			mg/l Exposure time: 7	irchneriella subcapitata (green algae)): 310 2 h ⁻ est Guideline 201
	ty to daphnia and other ic invertebrates (Chron-	:	NOEC (Daphnia Exposure time: 2	magna (Water flea)): 51 mg/l 1 d



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ic tox	icity)	Method: OE	CD Test Guideline 211
Persi	istence and degrada	bility	
Com	ponents:		
2-Руі	rrolidone:		
Biode	egradability		dily biodegradable. ased on data from similar materials
Benz	yl alcohol:		
Biode	egradability		dily biodegradable. ion: 92 - 96 % ne: 14 d
Bioa	ccumulative potentia	al	
Com	ponents:		
2-Руі	rrolidone:		
	ion coefficient: n- ol/water	: log Pow: -0. Method: OE	71 CD Test Guideline 107
Benz	yl alcohol:		
	ion coefficient: n- ol/water	: log Pow: 1.0	05
Mobi	lity in soil		
No da	ata available		
Othe	r adverse effects		
No da	ata available		

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods		
Waste from residues	:	Do not dispose of waste into sewer. Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste han- dling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number	: Not applicable	
Proper shipping name	: Not applicable	
Class	: Not applicable	



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Subsidiary risk : Not applicable Packing group : Not applicable Labels : Not applicable Environmentally hazardous : n HTA-DGR	Version 3.7	Revision Date: 06.04.2024		DS Number: 947464-00012	Date of last issue: 30.09.2023 Date of first issue: 19.03.2021
Packing group:Not applicableLabels:Not applicableEnvironmentally hazardous:noIATA-DGR					
Packing group:Not applicableLabels:Not applicableEnvironmentally hazardous:noIATA-DGR	Suba	idion, riol.		Not applicable	
Labels : Not applicable Environmentally hazardous : no IATA-DGR		-	:		
Environmentally hazardous : no IATA-DGR UN/ID No. : Not applicable Proper shipping name : Not applicable Glass : Not applicable Subsidiary risk : Not applicable Packing group : Not applicable Packing instruction (cargo : Not applicable Packing instruction (passen- : Not applicable ger aircraft) PACHOR UN number : Not applicable Proper shipping name : Not applicable Class : Not applicable Class : Not applicable Proper shipping name : Not applicable Class : Not applicable Packing group : Not applicable Class : Not applicable Packing group : Not applicable Class : Not applicable Class : Not applicable Class : Not applicable Subsidiary risk : Not applicable EmS Code : Not applicable EmS Code : Not applicable EmS Code : Not applicable Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied. Marine pollutant : Not applicable Class : Not applicable Proper shipping name : Not applicable Class : Not applicable Proper shipping name : Not applicable Class : Not applicable Proper shipping name : Not applicable Packing group : Not applicable Hazchem Code : Not applicable			÷		
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Class : Not applicable Subsidiary risk : Not applicable Packing group : Not applicable Labels : Not applicable Packing instruction (cargo : Not applicable Packing instruction (passen- : Not applicable ger aircraft) : MDG-Code UN number : Not applicable Proper shipping name : Not applicable Class : Not applicable Subsidiary risk : Not applicable Packing group : Not applicable Subsidiary risk : Not applicable Packing group : Not applicable Backing group : Not applicable Labels : Not applicable EmS Code : Not applicable Marine pollutant : Not applicable Marine pollutant : Not applicable Via applicable for product as supplied. Not applicable Proper shipping name : Not applicable Cl	UN/I	D No.	:	Not applicable	
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Special precautions for user			:		
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Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Therapeutic Goods (Poisons	:	No poison schedule number allocated (Please use the original
Standard) Instrument		publication to check for specific uses, specific conditions or
		threshold limits that might apply for this chemical)

Prohibition/Licensing Requirements

: There is no applicable prohibition, authorisation and restricted use



Spiramycin Formulation

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			requirements, including for carcino- gens referred to in Schedule 10 of the model WHS Act and Regula- tions.				
The components of this product are reported in the following inventories:							
AICS		: not determined					
DSL		: not determined					
IECS	C	: not determined					

SECTION 16: ANY OTHER RELEVANT INFORMATION

Further information

Revision Date Sources of key data used to compile the Safety Data Sheet	:	06.04.2024 Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/
Date format	:	dd.mm.yyyy

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association: IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Trans-



Spiramycin Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 30.09.2023
3.7	06.04.2024	7947464-00012	Date of first issue: 19.03.2021

portation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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