



Vers 3.5	sion	Revision Date: 06.04.2024		S Number: 9743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017	
SECTION 1: IDENTIFICATION Product name			:	Enrofloxacin / Dic	clofenac Liquid Formulation	
	Manufa	acturer or supplier's d	letai	ls		
	Compa	ny	:	Intervet Australia Pty Limited (trading as MSD Animal Health		
	Address		:	91-105 Harpin Street Bendigo 3550, Victoria Austrailia		
	Telephone		:	1 800 033 461		
	Emergency telephone number		·:	Poisons Information Centre: Phone 13 11 26		
	E-mail address		:	EHSDATASTEWARD@msd.com		
	Recommended use of the characteristic Recommended use Restrictions on use			ical and restrictic Veterinary produc Not applicable		

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Skin corrosion/irritation	:	Category 1		
Serious eye damage/eye irri- tation	:	Category 1		
Reproductive toxicity	:	Category 2		
Specific target organ toxicity - repeated exposure	:	Category 1 (cartilage, Testis)		
Specific target organ toxicity - repeated exposure		Category 2 (Gastrointestinal tract, Blood, lymphatic system Liver, Prostate)		
GHS label elements				
Hazard pictograms	:			
Signal word	:	Danger		
Hazard statements	:	H314 Causes severe skin burns and eye damage. H361f Suspected of damaging fertility. H372 Causes damage to organs (cartilage, Testis) through prolonged or repeated exposure.		



ersion 5	Revision Date: 06.04.2024	SDS Number: 1239743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
			se damage to organs (Gastrointestinal tract, tic system, Liver, Prostate) through prolonged o sure.
Preca	utionary statements	P202 Do not h and understoo P260 Do not b P264 Wash sk P270 Do not e	reathe mist or vapours. in thoroughly after handling. at, drink or smoke when using this product. otective gloves/ protective clothing/ eye protec-
		Do NOT induc CENTER/ doct P303 + P361 + immediately al shower. Immed P304 + P340 + and keep comt POISON CEN P305 + P351 + water for seven and easy to do CENTER/ doct P308 + P313 I attention.	 P353 + P310 IF ON SKIN (or hair): Take off I contaminated clothing. Rinse skin with water o diately call a POISON CENTER/ doctor. P310 IF INHALED: Remove person to fresh ai fortable for breathing. Immediately call a TER/ doctor. P338 + P310 IF IN EYES: Rinse cautiously wit ral minutes. Remove contact lenses, if present b. Continue rinsing. Immediately call a POISON
		Storage: P405 Store loc Disposal: P501 Dispose disposal plant.	of contents/ container to an approved waste

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Propylene glycol	57-55-6	>= 30 -< 60
Enrofloxacin	93106-60-6	>= 10 -< 30
Benzyl alcohol	100-51-6	< 10
Sodium [2-[(2,6-	15307-79-6	>= 1 -< 3





Version 3.5	Revision Date: 06.04.2024	SDS Number: 1239743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017			
dichle	prophenyl)amino]pheny	llacetate	1			
	ophenyi/aminojpheny	Jacelale				
SECTION	4. FIRST AID MEASU	RES				
Gene	eral advice	vice immediate	accident or if you feel unwell, seek medical ad- ely. ns persist or in all cases of doubt seek medical			
lf inha	aled	: If inhaled, rem If not breathing If breathing is	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.			
In cas	se of skin contact	: In case of cont for at least 15 and shoes. Get medical at Wash clothing	act, immediately flush skin with plenty of water minutes while removing contaminated clothing tention immediately.			
In cas	se of eye contact	: In case of cont for at least 15 If easy to do, r	act, immediately flush eyes with plenty of water			
lf swa	allowed	: If swallowed, E If vomiting occ Call a physicia Rinse mouth th	DO NOT induce vomiting. urs have person lean forward. n or poison control centre immediately. horoughly with water. thing by mouth to an unconscious person.			
	important symptoms effects, both acute and red	: Causes seriou Suspected of c	s eye damage. lamaging fertility. ge to organs through prolonged or repeated burns.			
Prote	ction of first-aiders	: First Aid respo and use the re	nders should pay attention to self-protection, commended personal protective equipment ntial for exposure exists (see section 8).			
Notes	s to physician		natically and supportively.			

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire- fighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Chlorine compounds Nitrogen oxides (NOx) Sodium oxides

Revision Date:

Version



Date of last issue: 30.09.2023

Enrofloxacin / Diclofenac Liquid Formulation

SDS Number:

Specific extinguishing meth- ods : Use extinguishing measures that are appropriate to local cin cumstances and the surrounding environment. Use water syray to cool unopened containers. Remove undamaged containers from fire area if it is safe to so. Evacuate area. Special protective equipment triffighters Hazchem Code : In the event of fire, wear self-contained breathing apparatus Use personal protective equipment. Yearsonal procecutions, protec- tive equipment and emer- gency procedures : Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment te commendations (see section 8). Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8). Environmental precautions : Avoid release to the environment. Prevent tyreading over a wide area (e.g. by containment or barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. Methods and materials for containment and cleaning up : Soak up with inert absorbent material. For large spills, provide dyking or other appropriate contain ment to keep material from spreading. If dyked material can be pumped, store recovered material and tems employed in the cleanup of releases. You will need to deter mine which regulations are applicable. Sections 13 and 15 of this 205 provide information regardi certain local or national requirements. SECTION 7. HANDLING AND STORAGE : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. If sufficient ventilation is un	Vers 3.5	sion	Revision Date: 06.04.2024		2S Number: 39743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
Special protective equipment for firefighters In the event of fire, wear self-contained breathing apparatus Hazchem Code : -32 SECTION 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protec- : Use personal protective equipment. tive equipment and emergency procedures : Use personal protective equipment. Environmental precautions : Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. For large spills, provide dyking or other appropriate contain. Methods and materials for containment and cleaning up : Soak up with inert absorbent material. For large spills, provide dyking or other appropriate contain. For large spills, provide dyking or other appropriate contain. Local or national regulations may apply to releases and dispose of intic material in appropriate contain. Local or national regulations may apply to releases and dispose of intic material. Sections 13 and 15 of this SDS provide information regardi certain local or national regulations are applicable. Sections 13 and 15 of this SDS provide information regardi certain local or national regulation. Advice on safe handling		•	c extinguishing meth-	:	cumstances and Use water spray Remove undama	the surrounding environment. to cool unopened containers.
Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Environmental precautions : Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. : Methods and materials for containment and cleaning up : Soak up with inert absorbent material. For large spills, provide dyking or other appropriate containment to keep material from spile with suitable absorbent. Local or national regulations may apply to releases and dispose 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. Sections 13 and 15 of this SDS provide information regardincertain local or national requirements. SECTION 7. HANDLING AND STORAGE Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. Local/Total ventilation : Metiore on safe handling : Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safe <td></td> <td>for firef</td> <td>fighters</td> <td>:</td> <td>In the event of fir Use personal pro</td> <td></td>		for firef	fighters	:	In the event of fir Use personal pro	
tive equipment and emergency procedures Follow safe handling advice (see section 7) and personal prective equipment recommendations (see section 8). Environmental precautions : Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. Methods and materials for containment and cleaning up : Soak up with inert absorbent material. For large spills, provide dyking or other appropriate contain. Clean up remaining materials from spreading. If dyked material can be pumped, store recovered material in appropriate contain. Clean up remaining materials from spill with suitable absorbent. 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 deter mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regardin certain local or national requirements. SECTION 7. HANDLING AND STORAGE : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. If sufficient ventilation Advice on safe handling : Do not get on skin or clothing. Do not swallow. Do not swallow. Do not swallow. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safe	SEC	TION 6	6. ACCIDENTAL RELE	ASI	E MEASURES	
 Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. Methods and materials for containment and cleaning up Soak up with inert absorbent material. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate contain Clean up remaining materials from spill with suitable absorbent. 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 deter mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regardin certain local or national requirements. SECTION 7. HANDLING AND STORAGE Technical measures See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. If sufficient ventilation is unavailable, use with local exhaust ventilation. Advice on safe handling Do not get on skin or clothing. Do not get in eyes. Wash skin thoroughy after handling. Handle in accordance with good industrial hygiene and safe 		tive eq	uipment and emer-	:	Follow safe hand	lling advice (see section 7) and personal pro-
containment and cleaning up For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate contain Clean up remaining materials from spill with suitable absorbent. 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 deter mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regardincertain local or national requirements. SECTION 7. HANDLING AND STORAGE Technical measures : Local/Total ventilation : Advice on safe handling : Sections 3 : Do not get on skin or clothing. Do not get on skin or vapours. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safe		Enviroi	nmental precautions	:	Prevent further le Prevent spreadin barriers). Retain and dispo Local authorities	eakage or spillage if safe to do so. Ig over a wide area (e.g. by containment or oi use of contaminated wash water. should be advised if significant spillages
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 mist or vapours. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safe				:	For large spills, p ment to keep ma be pumped, store Clean up remain bent. Local or national posal of this mate employed in the mine which regul Sections 13 and	provide dyking or other appropriate contain- terial from spreading. If dyked material can a recovered material in appropriate container. ing materials from spill with suitable absor- regulations may apply to releases and dis- erial, as well as those materials and items cleanup of releases. You will need to deter- lations are applicable. 15 of this SDS provide information regarding
Local/Total ventilation CONTROLS/PERSONAL PROTECTION section. Advice on safe handling If sufficient ventilation is unavailable, use with local exhaust ventilation. Advice on safe handling Do not get on skin or clothing. Do not breathe mist or vapours. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safe	SEC	TION 7	. HANDLING AND ST	OR/	AGE	
 Local/Total ventilation Advice on safe handling Do not get on skin or clothing. Do not breathe mist or vapours. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safe 		Techni	cal measures	:		
Advice on safe handling : Do not get on skin or clothing. Do not breathe mist or vapours. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safe		Local/1	Total ventilation	:	If sufficient ventil	
		Advice	on safe handling	:	Do not get on ski Do not breathe m Do not swallow. Do not get in eye Wash skin thorou Handle in accord	hist or vapours. es. ughly after handling. ance with good industrial hygiene and safety



Version 3.5			Date of last issue: 30.09.2023 Date of first issue: 26.01.2017			
Hyg	iene measures	 Take care to pre environment. If exposure to ch flushing systems place. When using do r Wash contamina The effective op engineering cont appropriate dego 	a or smoke when using this product. Event spills, waste and minimize release to the memical is likely during typical use, provide eye is and safety showers close to the working not eat, drink or smoke. Ated clothing before re-use. eration of a facility should include review of trols, proper personal protective equipment, powning and decontamination procedures, e monitoring, medical surveillance and the			
Conditions for safe storage Materials to avoid		 Keep in properly labelled containers. Store locked up. Keep tightly closed. Store in accordance with the particular national regulations. Do not store with the following product types: Self-reactive substances and mixtures Organic peroxides Oxidizing agents Explosives 				

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		
Propylene glycol	57-55-6	TWA (partic- ulate)	10 mg/m3	AU OEL		
		TWA (Total (vapour and particles))	150 ppm 474 mg/m3	AU OEL		
Enrofloxacin	93106-60-6	TWA	0.2 mg/m3 (OEB 2)	Internal		
Sodium [2-[(2,6- dichloro- phenyl)amino]phenyl]acetate	15307-79-6	TWA	100 µg/m3 (OEB 2)	Internal		
	Further information: Skin					

Engineering measures: Use appropriate engineering controls and manufacturing
technologies to control airborne concentrations (e.g., drip-
less quick connections).All engineering controls should be implemented by facility
design and operated in accordance with GMP principles to
protect products, workers, and the environment.
Laboratory operations do not require special containment.



Version 3.5	Revision Date: 06.04.2024	SDS Number: 1239743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017				
Perso	onal protective equipr	nent					
	ratory protection	: If adequate I sure assess	: If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection.				
	ter type	: Combined particulates and organic vapour type					
	protection aterial	: Chemical-resistant gloves					
Eye p	rotection	If the work e mists or aero Wear a faces	glasses with side shields or goggles. nvironment or activity involves dusty conditions, osols, wear the appropriate goggles. shield or other full face protection if there is a direct contact to the face with dusts, mists, or				
Skin a	and body protection	: Work uniform	n or laboratory coat.				
SECTION	9. PHYSICAL AND CH	IEMICAL PROPE	RTIES				
Appea	Appearance						
Colou	r	: light yellow					

:	light yellow
:	No data available
:	No data available
:	10.5 - 11.5 (as aqueous solution)
:	No data available
:	Not applicable
:	No data available



	evision Date: 6.04.2024		S Number: 9743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
Relative de	Relative density		No data available	
Density		:	1.07 - 1.08 g/cm ³	
Solubility(i Water s	es) solubility	:	soluble	
	Partition coefficient: n- octanol/water		Not applicable	
	on temperature	:	No data available	
Decompos	sition temperature	:	No data available	
Viscosity Viscosi	ty, kinematic	:	No data available	
Explosive	properties	:	Not explosive	
Oxidizing	properties	:	The substance of	mixture is not classified as oxidizing.
Particle ch Particle siz	aracteristics ze	:	Not applicable	

SECTION 10. STABILITY AND REACTIVITY

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

SECTION 11. TOXICOLOGICAL INFORMATION

Exposure routes	:	Inhalation Skin contact Ingestion Eye contact
Acute toxicity		to for a section of
Not classified based on avai	lable	information.
Product:		
Acute oral toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 5 mg/l



sion	Revision Date: 06.04.2024		OS Number: 39743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
			Exposure time: Test atmospher Method: Calcula	e: dust/mist
<u>Comp</u>	oonents:			
Propy	ylene glycol:			
Acute	oral toxicity	:	LD50 (Rat): 22,	000 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 4 Exposure time: Test atmospher	4 h
Acute	e dermal toxicity	:	LD50 (Rabbit): Assessment: Th toxicity	> 2,000 mg/kg ne substance or mixture has no acute dermand the substance of the substance
Enrof	floxacin:			
Acute	oral toxicity	:	LD50 (Rabbit):	500 - 800 mg/kg
			LD50 (Rat): > 5	,000 mg/kg
			LD50 (Mouse):	> 5,000 mg/kg
Acute	e dermal toxicity	:	LD50 (Rabbit):	> 2,000 mg/kg
Benz	yl alcohol:			
Acute	oral toxicity	:	LD50 (Rat): 1,6	20 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 4 Exposure time: Test atmospher Method: OECD	4 h
Sodiu	um [2-[(2,6-dichloropl	henyl)amino]phenyl]a	acetate:
Acute	oral toxicity	:	LD50 (Rat): 55	- 240 mg/kg
			LD50 (Mouse):	170 - 389 mg/kg
	e toxicity (other routes on histration)	of :	LD50 (Rat): 97 Application Rou	
			LD50 (Mouse): Application Rou	

Causes severe burns.



	Revision Date: 06.04.2024	SDS Number: 1239743-00018	Date of last issue: 30.09.202 Date of first issue: 26.01.202
Com	oonents:		
	ylene glycol:		
Speci		: Rabbit	
Metho		: OECD Test Gui	deline 404
Resul		: No skin irritation	
Enro	floxacin:		
Resul	lt	: No skin irritatior	1
Benz	yl alcohol:		
Speci		: Rabbit	
Metho		: OECD Test Gui	
Resul	lt	: No skin irritatior	1
Sodiu	ım [2-[(2,6-dichlorop	ohenyl)amino]phenyl]a	acetate:
Resu	lt	: irritating	
	es serious eye damaç ponents:	ge.	
<u>Com</u>	es serious eye dama <u>;</u> ponents: ylene glycol:	ge.	
<u>Com</u>	oonents: ylene glycol:	ge. : Rabbit	
<u>Comp</u> Propy Speci Resul	oonents: ylene glycol: es t	: Rabbit : No eye irritation	
<u>Comp</u> Propy Speci	oonents: ylene glycol: es t	: Rabbit	
Comp Propy Speci Resul Metho Enrol	oonents: ylene glycol: es lt od	: Rabbit : No eye irritation : OECD Test Gui	deline 405
Comp Propy Speci Resul Metho	oonents: ylene glycol: es lt od	: Rabbit : No eye irritation	deline 405
Comp Propy Speci Resul Metho Enrof Resul	oonents: ylene glycol: es it od floxacin: it yl alcohol:	: Rabbit : No eye irritation : OECD Test Gui : Mild eye irritatio	deline 405
Comp Propy Speci Resul Metho Enrol Resul Benzy Speci	oonents: ylene glycol: es it od floxacin: lt yl alcohol: es	: Rabbit : No eye irritation : OECD Test Gui : Mild eye irritatio : Rabbit	deline 405 n
Comp Propy Speci Resul Metho Enrof Resul Benzy Speci Resul	oonents: ylene glycol: es it od floxacin: lt yl alcohol: es it	: Rabbit : No eye irritation : OECD Test Gui : Mild eye irritatio : Rabbit : Irritation to eyes	deline 405 n s, reversing within 21 days
Comp Propy Speci Resul Metho Resul Speci Resul Metho Sodiu	<pre>ponents: ylene glycol: es it pd floxacin: it yl alcohol: es it pd um [2-[(2,6-dichlorop</pre>	 Rabbit No eye irritation OECD Test Gui Mild eye irritation Rabbit Irritation to eyes OECD Test Gui 	deline 405 n s, reversing within 21 days deline 405 acetate:
Comp Propy Speci Resul Metho Resul Benzy Speci Resul Metho	<pre>ponents: ylene glycol: es it pd floxacin: it yl alcohol: es it pd um [2-[(2,6-dichlorop</pre>	 Rabbit No eye irritation OECD Test Gui Mild eye irritation Mild eye irritation Rabbit Irritation to eyes OECD Test Gui 	deline 405 n s, reversing within 21 days deline 405 acetate:
Comp Propy Speci Resul Metho Benzy Speci Resul Metho Sodiu Resul	<pre>ponents: ylene glycol: es it pd floxacin: it yl alcohol: es it pd um [2-[(2,6-dichlorop</pre>	 Rabbit No eye irritation OECD Test Gui Mild eye irritation Rabbit Irritation to eyes OECD Test Gui 	deline 405 n s, reversing within 21 days deline 405 acetate:
Comp Propy Speci Resul Metho Resul Benzy Speci Resul Metho Sodiu Resul Resul	<pre>ponents: ylene glycol: es it pd floxacin: it yl alcohol: es it pd um [2-[(2,6-dichlorop it iratory or skin sens sensitisation</pre>	 Rabbit No eye irritation OECD Test Gui Mild eye irritation Mild eye irritation Rabbit Irritation to eyes OECD Test Gui ohenyl)amino]phenyl]a Mild eye irritation 	deline 405 n s, reversing within 21 days deline 405 acetate:
Comp Propy Speci Resul Metho Benzy Speci Resul Metho Sodiu Resul Resul Resul	<pre>ponents: ylene glycol: es it pod floxacin: lt yl alcohol: es it pod um [2-[(2,6-dichlorop it iratory or skin sens</pre>	 Rabbit No eye irritation OECD Test Gui Mild eye irritation Mild eye irritation Rabbit Irritation to eyes OECD Test Gui ohenyl)amino]phenyl]a Mild eye irritation itisation ailable information.	deline 405 m s, reversing within 21 days deline 405 acetate:



ersion 5	Revision Date: 06.04.2024	SDS Number:Date of last issue: 30.09.20231239743-00018Date of first issue: 26.01.2017	
	ponents:		
	ylene glycol:		
Test T Expos	sure routes	: Maximisation Test : Skin contact	
Speci	ies	: Guinea pig	
Resul	lt	: negative	
Enrof	floxacin:		
Test		: Maximisation Test	
Expos Speci	sure routes	: Dermal	
Resul		: Guinea pig : Not a skin sensitizer.	
	yl alcohol:		
Test T Expos	i ype sure routes	: Maximisation Test : Skin contact	
Speci	ies	: Guinea pig	
Metho		: OECD Test Guideline 406	
Resul	It	: negative	
Chro	nic toxicity		
	cell mutagenicity		
Not cl	lassified based on ava	ilable information.	
Com	ponents:		
	ylene glycol:		
Geno	toxicity in vitro	: Test Type: Bacterial reverse mutation assay (AMES) Result: negative	
		Test Type: Chromosome aberration test in vitro	
		Method: OECD Test Guideline 473 Result: negative	
Geno	toxicity in vivo	: Test Type: Mammalian erythrocyte micronucleus test (in	vivo
		cytogenetic assay) Species: Mouse	
		Application Route: Intraperitoneal injection	
		Application Route. Intrapentonear injection	
		Result: negative	
Enrof	floxacin:		
	floxacin: toxicity in vitro		
		Result: negative	
Geno		 Result: negative Test Type: Chromosomal aberration Result: positive Test Type: Micronucleus test 	
Geno	toxicity in vitro	 Result: negative Test Type: Chromosomal aberration Result: positive 	



5	Revision Date: 06.04.2024	SDS Number: 1239743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
			Mammalian bone marrow sister chromatid ex-
		change Species: Ha Result: neg	
		Test Type: Species: Ra Result: neg	
Benzy	yl alcohol:		
-	toxicity in vitro	: Test Type: Result: neg	Bacterial reverse mutation assay (AMES) ative
Geno	toxicity in vivo	: Test Type: cytogenetic Species: M	
			Route: Intraperitoneal injection
		ophenyl)amino]phe	
Geno	toxicity in vitro	: Test Type: Result: neg	Bacterial reverse mutation assay (AMES) ative
		Test Type: Result: neg	Mouse Lymphoma ative
Geno	toxicity in vivo	: Test Type: Species: Cl Result: neg	
	nogenicity	vailable information.	
	oonents:		
<u></u>			
	ylene glycol:		
Propy Speci	es	: Rat	
Propy Speci Applic	es cation Route	: Ingestion	
Propy Speci Applic	es cation Route sure time		
Propy Speci Applic Expos Resul	es cation Route sure time It floxacin:	: Ingestion : 2 Years : negative	
Propy Speci Applic Expos Resul Enrof Speci	es cation Route sure time It floxacin: es	: Ingestion : 2 Years : negative : Rat	
Propy Speci Applic Expos Resul Enrof Speci Applic	es cation Route sure time It	: Ingestion : 2 Years : negative	
Propy Speci Applic Expos Resul Enrof Speci Applic	es cation Route sure time It floxacin: es cation Route sure time	: Ingestion : 2 Years : negative : Rat : Oral	
Propy Speci Applic Expos Resul Enrof Speci Applic Expos Resul Speci	es cation Route sure time It floxacin: es cation Route sure time It	: Ingestion : 2 Years : negative : Rat : Oral : 2 Years	



rsion	Revision Date: 06.04.2024		Number: 743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
Resu	lt	: ne	egative	
Benz	yl alcohol:			
Expo Metho	cation Route sure time od	: In : 1(: O	ouse gestion)3 weeks ECD Test Gu	ideline 451
Resu	It	: 16	egative	
Sodiu	um [2-[(2,6-dichlorop	henyl)an	nino]phenyl]	acetate:
	cation Route sure time	: 2	at ral Years egative	
	cation Route sure time	: O : 2	ouse ral Years egative	
Susp	oductive toxicity ected of damaging fer ponents:	tility.		
Prop	ylene glycol:			
	ts on fertility	S A	pecies: Mous	ute: Ingestion
Effect ment	ts on foetal develop-	S A	pecies: Mous	ute: Ingestion
Enro	floxacin:			
Effect	ts on fertility	S A Fe	pecies: Rat oplication Rot ertility: LOAE	p-generation study ute: Oral _: 15 mg/kg body weight on fertility, alteration in sperm morphol
Effect ment	ts on foetal develop-	S A D R	esult: Reduce	



Version 3.5	Revision Date: 06.04.2024	SDS Number: 1239743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
Repro	oductive toxicity - As-	Result: No fet	bit
		· · · · · · · · · · · · · · · · · · ·	
	yl alcohol: s on fertility	Species: Rat Application Re Result: negation	ertility/early embryonic development oute: Ingestion ive sed on data from similar materials
Effect ment	s on foetal develop-	Species: Mou	oute: Ingestion
	um [2-[(2,6-dichloroph is on fertility	: Test Type: Fe Species: Rat, Application Re Fertility: NOA	rtility male and female
Effect ment	s on foetal develop-		
			bit
Repro	oductive toxicity - As- nent	: Suspected of	damaging the unborn child.
	- single exposure		

Not classified based on available information.

STOT - repeated exposure

Causes damage to organs (cartilage, Testis) through prolonged or repeated exposure. May cause damage to organs (Gastrointestinal tract, Blood, lymphatic system, Liver, Prostate) through prolonged or repeated exposure.



ersion 5	Revision Date: 06.04.2024	SDS Number: 1239743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
<u>Comp</u>	oonents:		
Enrof	loxacin:		
-	et Organs	: cartilage, Testis	3
	ssment		e to organs through prolonged or repeated
Sodiu	ım [2-[(2,6-dichloroj	ohenyl)amino]phenyl]	acetate:
	et Organs ssment		I tract, Blood, lymphatic system, Liver, Prosta e to organs through prolonged or repeated
Repe	ated dose toxicity		
Comp	oonents:		
Propy	vlene glycol:		
Speci		: Rat, male	
NOAE		: >= 1,700 mg/kg	1
	cation Route sure time	: Ingestion : 2 yr	
Enrof	loxacin:		
Speci		: Rat	
NOAE		: 36 mg/kg	
LOAE	:L cation Route	: 150 mg/kg : Oral	
	sure time	: 13 Weeks	
	et Organs	: Testis	
Speci		: Dog	
NOAE LOAE		: 3 mg/kg	
-	cation Route	: 9.6 mg/kg : Oral	
	sure time	: 13 Weeks	
•	et Organs	: cartilage	
Speci		: Cat	
NOAE		: 25 mg/kg	
	cation Route sure time	: Oral : 30 Days	
Rema		5	dverse effects were reported
Benz	yl alcohol:		
Speci		: Rat	
NOAE	EL	: 1.072 mg/l	
	cation Route	: inhalation (dust	/mist/fume)
Expos Metho	sure time	: 28 Days : OECD Test Gu	ideline 412
menic	Ju	. OECD TEST GU	



Version	Revision Date:	SDS Number:	Date of last issue: 30.09.2023	
3.5	06.04.2024	1239743-00018	Date of first issue: 26.01.2017	

Sodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:

Species LOAEL Application Route	: Rat : 0.25 mg/kg : Oral
Exposure time Target Organs	 98 w Gastrointestinal tract, Blood, lymphatic system, Liver, Prostate
Species LOAEL Application Route Exposure time Target Organs	 Dog 1 mg/kg Oral 12 w Blood
Species NOAEL LOAEL Application Route Exposure time Target Organs Symptoms	 Baboon 0.5 mg/kg 5 mg/kg Oral 52 w Gastrointestinal tract, Blood constipation, Diarrhoea

Aspiration toxicity

Not classified based on available information.

Experience with human exposure

Components:

Enrofloxacin:

Ingestion : Symptoms: Gastrointestinal disturbance, central nervous system effects, Sensitivity to light

Sodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:

Ingestion	:	Symptoms: Abdominal pain, Diarrhoea, constipation, heart-
		burn, Ulceration, Dizziness, Headache, Breathing difficulties,
		Rash

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Propylene glycol:		
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Ceriodaphnia dubia (water flea)): 18,340 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Skeletonema costatum (marine diatom)): 19,300 mg/l Exposure time: 72 h



	Revision Date: 06.04.2024		9S Number: 39743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017		
			Method: OECD To	est Guideline 201		
aquatic	to daphnia and other invertebrates (Chron-	:	: NOEC (Ceriodaphnia dubia (water flea)): 13,020 mg/l Exposure time: 7 d			
	ic toxicity) Toxicity to microorganisms		NOEC (Pseudomonas putida): > 20,000 mg/l Exposure time: 18 h			
Enrofio	xacin:					
Toxicity	to fish	:	LC50 (Lepomis m Exposure time: 96	acrochirus (Bluegill sunfish)): 79.5 mg/l 5 h		
			LC50 (Oncorhync Exposure time: 96	hus mykiss (rainbow trout)): > 196 mg/l ን h		
			LC50 (Oryzias lat Exposure time: 96	ipes (Japanese medaka)): > 100 mg/l S h		
	Toxicity to daphnia and other aquatic invertebrates		EC50 (Hyalella az Exposure time: 96	zteca (Amphipod)): > 206 mg/l S h		
			EC50 (Daphnia m Exposure time: 48	agna (Water flea)): 79.9 mg/l 3 h		
Toxicity plants	to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72	chneriella subcapitata (green algae)): 3.1 2 h		
			EC50 (Microcystis Exposure time: 5	s aeruginosa (blue-green algae)): 0.049 mg/l d		
aquatic	to daphnia and other invertebrates (Chron-	:	NOEC (Daphnia r Exposure time: 21	nagna (Water flea)): 9.8 mg/l I d		
ic toxicit	у)		NOEC (Daphnia r Exposure time: 21	nagna (Water flea)): 5 mg/l I d		
			LOEC (Daphnia n Exposure time: 21	nagna (Water flea)): 15 mg/l I d		
Benzyl	alcohol:					
Toxicity	to fish	:	LC50 (Pimephale Exposure time: 96	s promelas (fathead minnow)): 460 mg/l S h		
	to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te			
Toxicity plants	to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72	chneriella subcapitata (green algae)): 770 2 h		



/ersion 3.5	Revision Date: 06.04.2024		9S Number: 39743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
			Method: OECD T	est Guideline 201
			NOEC (Pseudoki mg/l Exposure time: 72 Method: OECD T	
	 / to daphnia and other invertebrates (Chron- ity) 	:	NOEC (Daphnia I Exposure time: 2 Method: OECD T	
	n [2-[(2,6-dichlorophe / to fish	nyl :	LC50 (Pimephale Exposure time: 9	s promelas (fathead minnow)): 166.6 mg/l
	/ to daphnia and other invertebrates	:	Exposure time: 4	nagna (Water flea)): 80.1 mg/l 8 h est Guideline 202
Toxicity plants	/ to algae/aquatic	:	EC50 (Pseudokin mg/l Exposure time: 72 Method: OECD T	
			mg/l Exposure time: 72	rchneriella subcapitata (green algae)): 49.2 2 h est Guideline 201
Toxicity icity)	/ to fish (Chronic tox-	:	Exposure time: 32	es promelas (fathead minnow)): 0.32 mg/l 2 d est Guideline 210
	/ to daphnia and other invertebrates (Chron- ity)	:	Exposure time: 2	magna (Water flea)): 10 mg/l 1 d est Guideline 211
Persist	tence and degradabili	ty		
Compo	onents:			
	ene glycol: radability	:	Result: Readily bi Biodegradation: Exposure time: 28 Method: OECD T	98.3 %
Benzvl	alcohol:			
-	radability	:	Result: Readily bi	
			17 / 21	



ersion .5	Revision Date: 06.04.2024		DS Number: 39743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017
			_	
			Exposure time:	14 d
Bioad	cumulative potential			
<u>Comp</u>	oonents:			
Partiti	/lene glycol: on coefficient: n- ol/water	:		tion (EC) No. 440/2008, Annex, A.8
Enrof	loxacin:			
Partiti	on coefficient: n- ol/water	:	log Pow: 0.5	
Partiti	yl alcohol: on coefficient: n- ol/water	:	log Pow: 1.05	
Sodiu	ım [2-[(2,6-dichloroph	eny	l)amino]phenyl]a	icetate:
	on coefficient: n- ol/water	:	log Pow: 4.51	
Mobil	ity in soil			
<u>Com</u>	oonents:			
Enrof	loxacin:			
	oution among environ- al compartments	:	Koc: 5.55	
Other	adverse effects			
No da	ta available			
ECTION	13. DISPOSAL CONSI	DEF	RATIONS	
Dispo	osal methods			
-	e from residues	:	Do not dispose	of waste into sewer.
Conto	iminated packaging			cordance with local regulations. s should be taken to an approved waste ha
Conta	ininated packaging	•	dling site for rec	ycling or disposal. specified: Dispose of as unused product.
	14. TRANSPORT INFO	RM		

UNRTDG UN number Proper shipping name	: UN 3082 : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
	N.O.S. (Enrofloxacin)
Class	: 9



Version 3.5	Revision Date: 06.04.2024		0S Number: 39743-00018	Date of last issue: 30.09.2023 Date of first issue: 26.01.2017		
Pa	cking group		111			
	bels	÷	9			
	vironmentally hazardous	:	yes			
IA	TA-DGR					
UN	I/ID No.	:	UN 3082			
	oper shipping name	:	(Enrofloxacin)	nazardous substance, liquid, n.o.s.		
	ass	:	9			
	cking group	:				
	bels	÷	Miscellaneous 964			
	cking instruction (cargo	·	904			
Pa	aircraft) Packing instruction (passen- ger aircraft)		964			
Ĕn	vironmentally hazardous	:	yes			
IM	DG-Code					
UN	l number	:	UN 3082			
Pro	oper shipping name	:		ALLY HAZARDOUS SUBSTANCE, LIQUID,		
			N.O.S.			
			(Enrofloxacin)			
	ass cking group	÷	9 III			
	bels	:	9			
	EmS Code Marine pollutant		5 F-A, S-F			
			yes			
Tra	ansport in bulk according	to Annex II of MARPOL 73/78 and the IBC Code				
	t applicable for product as					
	tional Regulations	•				
АГ)G					
	l number	:	UN 3082			
	oper shipping name	÷		ALLY HAZARDOUS SUBSTANCE, LIQUID,		
			N.O.S. (Enrofloxacin)			
	ass	:	9			
	cking group	:				
	bels zchem Code	÷	9 •3Z			
	vironmentally hazardous	•	•3Z yes			
L11	in on the many hazaruous	·	yuu			

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

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



Versio 3.5	n Revision Date: 06.04.2024		OS Number: 39743-00018		of last issue: 30.09.2023 of first issue: 26.01.2017		
	nerapeutic Goods (Poisons tandard) Instrument	:	publication to che	ck for s	nber allocated (Please use the original specific uses, specific conditions or nt apply for this chemical)		
Pr	Prohibition/Licensing Requirements			:	There is no applicable prohibition, authorisation and restricted use requirements, including for carcino- gens referred to in Schedule 10 of the model WHS Act and Regula- tions.		
Tł	The components of this product are reported in the following inventories:						
AI	ICS	:	not determined				
D	SL	:	not determined				
IE	CSC	:	not determined				

SECTION 16: ANY OTHER RELEVANT 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					
AU OEL	:	Australia. Workplace Exposure Standards for Airborne Con- taminants.			

AU OEL / TWA : Exposure standard - time weighted average

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



Version	Revision Date:	SDS Number:	Date of last issue: 30.09.2023
3.5	06.04.2024	1239743-00018	Date of first issue: 26.01.2017

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 - Transportation 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.

AU / EN