



Vers 7.0	sion	Revision Date: 2024/09/28		S Number: 944-00021	Date of last issue: 2023/09/30 Date of first issue: 2016/04/27				
1. PI	1. PRODUCT AND COMPANY IDENTIFICATION								
	Produc	t name	:	Enrofloxacin (109	%) Formulation				
	Manufa	acturer or supplier's c	letai	ls					
	Compa	ny	:	MSD					
	Addres	S	:	126 E. Lincoln Av Rahway, New Je	venue rsey U.S.A. 07065				
	Telepho	one	:	908-740-4000					
	Emerge	ency telephone number	r:	1-908-423-6000					
	E-mail	address	:	EHSDATASTEW	/ARD@msd.com				
	Recom	mended use of the cl	nem	ical and restriction	ons on use				
		mended use tions on use	:	Veterinary produ Not applicable	ct				

2. HAZARDS IDENTIFICATION

GHS Classification		
Skin sensitisation	:	Category 1
Reproductive toxicity	:	Category 2
Specific target organ toxicity - repeated exposure	:	Category 1 (cartilage, Testis)
Short-term (acute) aquatic hazard	:	Category 1
Long-term (chronic) aquatic hazard	:	Category 1
GHS label elements		
Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H317 May cause an allergic skin reaction. H361f Suspected of damaging fertility. H372 Causes damage to organs (cartilage, Testis) through



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			repeated exposure. kic to aquatic life with long lasting effects.
Preca	utionary statements	P202 Do not I and understor P260 Do not I P264 Wash s P270 Do not o P272 Contam the workplace P273 Avoid re	breathe mist or vapours. kin thoroughly after handling. eat, drink or smoke when using this product. inated work clothing should not be allowed out of a. elease to the environment. rotective gloves/ protective clothing/ eye protec-
		P308 + P313 attention. P333 + P313 vice/ attentior	Take off contaminated clothing and wash it befor
		Storage: P405 Store lo	cked up.
		Disposal: P501 Dispose disposal plant	e of contents/ container to an approved waste

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Enrofloxacin	93106-60-6	>= 10 -< 25
Benzyl alcohol	100-51-6	>= 1 -< 10

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.
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	If inhale	ed	:	If inhaled, remove Get medical atten		
In case of skin contact		:	 In case of contact, immediately flush skin with soap and pl of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. 			
	In case of eye contact		:	Flush eyes with w	ater as a precaution. tion if irritation develops and persists.	
	If swalle	owed	:	If swallowed, DO Get medical atten	NOT induce vomiting. tion.	
		nportant symptoms ects, both acute and d	:	May cause an alle Suspected of dam	oughly with water. ergic skin reaction. naging fertility. o organs through prolonged or repeated	
·		ion of first-aiders	: First Aid respond and use the reco when the potentia		ers should pay attention to self-protection, mmended personal protective equipment al for exposure exists (see section 8). ically and supportively.	
5 F	Notes to physician 5. FIREFIGHTING MEASURES		:	Treat symptomati		
5.11		e extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical		
	Unsuita media	ble extinguishing	:	None known.		
	Specific fighting	c hazards during fire-	:	Exposure to comb	oustion products may be a hazard to health.	
	Hazard ucts	ous combustion prod-	:	Carbon oxides		
	Specific ods	c extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do	
	Special for firefi	protective equipment ighters	:		e, wear self-contained breathing apparatus. ective equipment.	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- :	Use personal protective equipment.
tive equipment and emer-	Follow safe handling advice (see section 7) and personal pro-



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gency	procedures		tective equipmen	t 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 oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.		
	ds and materials for ment and cleaning up	:	For large spills, p ment to keep mat be pumped, store Clean up remaining bent. Local or national posal of this mate employed in the of mine which regula Sections 13 and	t absorbent material. rovide dyking or other appropriate contain- erial 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- ations are applicable. 15 of this SDS provide information regarding ational requirements.	

7. HANDLING AND STORAGE

Technical measures		See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	
		Do not breathe mist or vapours.
		Do not swallow.
		Avoid contact with 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
		Do not eat, drink or smoke when using this product.
		Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	:	Keep in properly labelled containers.
0		Store locked up.
		Store in accordance with the particular national regulations.
Materials to avoid	:	Do not store with the following product types:
		Strong oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

•	-	•			
Components		CAS-No.	Value type	Control parame-	Basis
•					



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		(Form of	ters / Permissible			
		exposure)	concentration			
Enrofloxacin	93106-60-6	TWA	0.2 mg/m3 (OEB 2)	Internal		
Engineering measures :	technologies t less quick con All engineerin design and op protect produc	o control airborn inections). g controls should erated in accord cts, workers, and	controls and manufac e concentrations (e.g d be implemented by lance with GMP princ I the environment. require special contai	g., drip- facility siples to		
Personal protective equipmen						
Respiratory protection :	If adequate lo sure assessm	ent demonstrate	ilation is not available s exposures outside spiratory protection.			
Filter type : Hand protection	Combined particulates and organic vapour type					
Material :	Chemical-resistant gloves					
Eye protection :	: Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty condition mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.					
Skin and body protection :	Work uniform	or laboratory coa	at.			
Hygiene measures :	eye flushing s ing place. When using d Contaminated workplace. Wash contam The effective of engineering co	ystems and safe o not eat, drink o work clothing sl inated clothing b operation of a fa ontrols, proper p	nould not be allowed	he work- out of the eview of juipment,		
		ene monitoring, strative controls.	medical surveillance	and the		

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: No data available
Odour	: No data available
Odour Threshold	: No data available
рН	: No data available





sion	Revision Date: 2024/09/28		S Number: 3944-00021	Date of last issue: 2023/09/30 Date of first issue: 2016/04/27
Melting	g point/freezing point	:	No data available	3
Initial b range	poiling point and boiling	:	No data available)
Flash	point	:	No data available	
Evapo	ration rate	:	No data available	9
Flamm	nability (solid, gas)	:	Not applicable	
Flamm	nability (liquids)	:	No data available)
	explosion limit / Upper ability limit	:	No data available)
	explosion limit / Lower ability limit	:	No data available	9
Vapou	r pressure	:	No data available)
Relativ	ve vapour density	:	No data available)
Relativ	ve density	:	No data available	9
Densit	У	:	No data available	9
	lity(ies) ter solubility	:	No data available	9
	on coefficient: n-	:	Not applicable	
	ol/water gnition temperature	:	No data available)
Decon	nposition temperature	:	No data available	9
Viscos Vis	ity cosity, kinematic	:	No data available	9
Explos	sive properties	:	Not explosive	
Oxidiz	ing properties	:	The substance o	r mixture is not classified as oxidizing.
Particl Particl	e characteristics e size	:	Not applicable	
STABI	LITY AND REACTIVITY	,		
Reacti	vity	:	Not classified as	a reactivity hazard.

Chemical stability





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Possibility tions	of hazardous reac-	:	Can react wit	th strong oxidizing agents.
Conditions	s to avoid	:	None known	
	ole materials	:	Oxidizing age	
Hazardous products	s decomposition	:	No hazardou	s decomposition products are known.
1. TOXICOLC	GICAL INFORMAT	101	N	
Informatio	n on likely routes of	:	Inhalation	
exposure			Skin contact	
			Ingestion	
			Eye contact	
Acute tox	icity			
Not classif	fied based on availa	ble	information.	
Product:				
Acute oral	toxicity	:	Acute toxicitv	estimate: > 2,000 mg/kg
	,			ulation method
Compone	ents:			
Enrofloxa	cin:			
Acute oral	toxicity	:	LD50 (Rabbit): 500 - 800 mg/kg
			LD50 (Rat): >	5,000 mg/kg
			LD50 (Mouse): > 5,000 mg/kg
Acute derr	mal toxicity	:	LD50 (Rabbit): > 2,000 mg/kg
Benzyl alo	cohol:			
Acute oral	toxicity	:	LD50 (Rat): 1	,200 mg/kg
Acute inha	alation toxicity	:	LC50 (Rat): >	5.4 mg/l
			Exposure time	
				ere: dust/mist
				D Test Guideline 403
			tion toxicity	The substance or mixture has no acute inhala
			don toxiony	
	osion/irritation			
	fied based on availa	ble	information.	
Compone				
Enrofloxa	icin:			
Result		:	No skin irritati	on
Benzyl alo	cohol:			
Benzyl ald			7 / 4	





ersion 0	Revision Date: 2024/09/28	SDS Number: 633944-00021	Date of last issue: 2023/09/30 Date of first issue: 2016/04/27
Speci	es	: Rabbit	
Metho		: OECD Test Gu	
Resul	t	: No skin irritatio	n
	us eye damage/eye assified based on ava		
	onents:		
Enrof	loxacin:		
Resul		: Mild eye irritati	on
Benzy	yl alcohol:		
Speci	es	: Rabbit	
Resul	-		es, reversing within 21 days
Metho	od	: OECD Test Gu	lideline 405
Respi	iratory or skin sensi	itisation	
Skin s	sensitisation		
	ause an allergic skin	reaction.	
May c Respi	iratory sensitisation	1	
May c Respi	-	1	
May c Resp i	iratory sensitisation	1	
May c Respi Not cl	iratory sensitisation assified based on ava conents:	1	
May c Respi Not cl <u>Comp</u> Enrof	iratory sensitisation assified based on ava ponents: loxacin:	ailable information.	- est
May c Respi Not cl <u>Comp</u> Enrof	iratory sensitisation assified based on ava <u>conents:</u> floxacin: Type	1	- est
May c Respi Not cl Comp Enrof	iratory sensitisation assified based on ava <u>conents:</u> floxacin: Fype sure routes	ailable information. : Maximisation T	est
May c Respi Not cl <u>Comp</u> Enrof	iratory sensitisation assified based on ava <u>conents:</u> floxacin: Fype sure routes	ailable information. : Maximisation T : Dermal	
May c Respi Not cl Comp Enrof Test T Expos Specia Resul	iratory sensitisation assified based on ava <u>conents:</u> floxacin: Fype sure routes es t yl alcohol:	ailable information. : Maximisation T : Dermal : Guinea pig	
May c Respi Not cl Comp Enrof Test T Expos Specia Resul	iratory sensitisation assified based on ava <u>conents:</u> floxacin: Fype sure routes es t yl alcohol:	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat	
May c Respi Not cl Comp Enrof Test T Expos Specia Resul Benzy Test T Expos	iratory sensitisation assified based on ava <u>conents:</u> floxacin: Type sure routes es t yl alcohol: Type sure routes	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat : Skin contact	sitizer.
May c Respi Not cl Comp Enrof Test T Expos Speci Resul Benzy Test T Expos Speci	iratory sensitisation assified based on ava <u>conents:</u> Floxacin: Type sure routes es t yl alcohol: Type sure routes es	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat : Skin contact : Humans	sitizer.
May c Respi Not cl Comp Enrof Test T Expos Specia Resul Benzy Test T Expos Specia Resul	iratory sensitisation assified based on ava <u>conents:</u> Floxacin: Type sure routes es t yl alcohol: Type sure routes es t	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat : Skin contact : Humans : positive	sitizer. insult patch test (HRIPT)
May c Respi Not cl Comp Enrof Test T Expos Speci Resul Benzy Test T Expos Speci	iratory sensitisation assified based on ava <u>conents:</u> Floxacin: Type sure routes es t yl alcohol: Type sure routes es t	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat : Skin contact : Humans : positive	sitizer. insult patch test (HRIPT) evidence of low to moderate skin sensitisa
May c Respi Not cl Comp Enrof Test T Expos Specia Resul Benzy Test T Expos Specia Resul	iratory sensitisation assified based on ava <u>conents:</u> floxacin: Type sure routes es t yl alcohol: Type sure routes es t ssment	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat : Skin contact : Humans : positive : Probability or e	sitizer. insult patch test (HRIPT) evidence of low to moderate skin sensitisa
May c Respi Not cl Comp Enrof Test 7 Expos Speci Resul Benzy Test 7 Expos Speci Resul	iratory sensitisation assified based on ava <u>conents:</u> Floxacin: Type sure routes es t yl alcohol: Type sure routes es t	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat : Skin contact : Humans : positive : Probability or e rate in humans	sitizer. insult patch test (HRIPT) evidence of low to moderate skin sensitisa
May c Respi Not cl Comp Enrof Test T Expos Specia Resul Benzy Test T Expos Specia Resul Asses Germ	iratory sensitisation assified based on avainable conents: floxacin: Type sure routes es t yl alcohol: Type sure routes es t ssment cell mutagenicity	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat : Skin contact : Humans : positive : Probability or e rate in humans	sitizer. insult patch test (HRIPT) evidence of low to moderate skin sensitisa
May c Respi Not cl Comp Enrof Test T Expos Specia Resul Benzy Test T Expos Specia Resul Asses Germ Not cl Comp	iratory sensitisation assified based on avainable conents: Floxacin: Type sure routes es t yl alcohol: Type sure routes es t ssment cell mutagenicity assified based on avainable	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat : Skin contact : Humans : positive : Probability or e rate in humans	sitizer. insult patch test (HRIPT) evidence of low to moderate skin sensitisa
May c Respi Not cl Comp Enrof Test T Expos Specia Resul Benzy Test T Expos Specia Resul Asses Germ Not cl Comp Enrof	iratory sensitisation assified based on ava conents: Floxacin: Type sure routes es t yl alcohol: Type sure routes es t ssment cell mutagenicity assified based on ava conents:	ailable information. : Maximisation T : Dermal : Guinea pig : Not a skin sens : Human repeat : Skin contact : Humans : positive : Probability or e rate in humans ailable information.	sitizer. insult patch test (HRIPT) evidence of low to moderate skin sensitisa





0	Revision Date: 2024/09/28	SDS Number: 633944-00021	Date of last issue: 2023/09/30 Date of first issue: 2016/04/27
Gend	otoxicity in vivo	: Test Type: Mic	ronucleus test
		Species: Mous Result: negativ	e
		Test Type: Mai change Species: Hams Result: negativ	
		Test Type: Chr Species: Rat Result: negativ	romosomal aberration re
Benz	yl alcohol:		
	otoxicity in vitro	: Test Type: Bac Result: negativ	cterial reverse mutation assay (AMES) e
Geno	otoxicity in vivo	cytogenetic as Species: Mous	e ute: Intraperitoneal injection
	inogenicity classified based on ava	ailable information	
	ponents:		
	floxacin:		
Spec		: Rat	
Appli	cation Route	: Oral	
Expo Resu	sure time Ilt	: 2 Years : negative	
Spec	ies	: Mouse	
Appli	cation Route	: Oral	
Expo Resu	sure time Ilt	: 2 Years : negative	
Benz	yl alcohol:		
DONE		: Mouse	
Spec		: Ingestion	
Spec Appli	cation Route	. 100	
Spec Appli Expo	sure time	: 103 weeks : OECD Test Gu	ideline 451
Spec Appli	sure time od	: 103 weeks : OECD Test Gu : negative	iideline 451
Spec Appli Expo Meth Resu	sure time od	: OECD Test Gu	iideline 451



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<u>Com</u>	oonents:		
Enrof	iloxacin:		
Effect	s on fertility	Species: Ra Application I Fertility: LOA	
Effect ment	s on foetal develop-	Result: Redu	t
		Species: Ra Application I Developmer	
Repro sessn	oductive toxicity - As- nent		nce of adverse effects on sexual function and on animal experiments.
Benz	yl alcohol:		
	s on fertility	Species: Ra Application I Result: nega	Route: Ingestion
Effect ment	s on foetal develop-	Species: Mo	Route: Ingestion

Not classified based on available information.

STOT - repeated exposure

Causes damage to organs (cartilage, Testis) through prolonged or repeated exposure.

Components:

Enroti	oxacin:
	oraciii.

Target Organs	:	cartilage, Testis
Assessment	:	Causes damage to organs through prolonged or repeated
11		exposure.





ersion 0	Revision Date: 2024/09/28	SDS Number: 633944-00021	Date of last issue: 2023/09/30 Date of first issue: 2016/04/27
Repe	ated dose toxicity		
Com	ponents:		
Enro	floxacin:		
Spec		: Rat	
NOA		: 36 mg/kg	
LOAE	cation Route	: 150 mg/kg : Oral	
	sure time	: 13 Weeks	
	et Organs	: Testis	
Spec		: Dog	
NOAI LOAE		: 3 mg/kg : 9.6 mg/kg	
	cation Route	: Oral	
	sure time	: 13 Weeks	
	et Organs	: cartilage	
Spec		: Cat	
NOA		: 25 mg/kg	
	cation Route sure time	: Oral : 30 Days	
Rema			lverse effects were reported
Benz	yl alcohol:		
Spec		: Rat	
NOAI		: 1.072 mg/l	
	cation Route sure time	: inhalation (dust/	mist/fume)
Meth		: 28 Days : OECD Test Guid	deline 412
Aspir	ration toxicity		
-	lassified based on av	ailable information.	
Expe	rience with human e	exposure	
<u>Com</u>	ponents:		
Enro	floxacin:		
Inges	tion	: Symptoms: Gas tem effects, Sen	trointestinal disturbance, central nervous sys sitivity to light
2. ECOL	OGICAL INFORMAT	ION	
Ecote	oxicity		
	ponents:		
	floxacin:		
			macrochirus (Bluegill sunfish)): 79.5 mg/l





rsion	Revision Date: 2024/09/28		S Number: 3944-00021	Date of last issue: 2023/09/30 Date of first issue: 2016/04/27
			LC50 (Oncorh Exposure time	ynchus mykiss (rainbow trout)): > 196 mg/l :: 96 h
			LC50 (Oryzias Exposure time	s latipes (Japanese medaka)): > 100 mg/l e: 96 h
	ty to daphnia and other c invertebrates	:	EC50 (Hyalell Exposure time	a azteca (Amphipod)): > 206 mg/l e: 96 h
			EC50 (Daphni Exposure time	a magna (Water flea)): 79.9 mg/l e: 48 h
Toxicit plants	ty to algae/aquatic	:	EC50 (Pseudo mg/l Exposure time	okirchneriella subcapitata (green algae)): 3.1 o: 72 h
			EC50 (Microc Exposure time	ystis aeruginosa (blue-green algae)): 0.049 m :: 5 d
	tor (Acute aquatic tox-	:	10	
aquati	ty to daphnia and other c invertebrates (Chron-	:	NOEC (Daphr Exposure time	nia magna (Water flea)): 9.8 mg/l e: 21 d
ic toxi	city)		NOEC (Daphr Exposure time	nia magna (Water flea)): 5 mg/l e: 21 d
			LOEC (Daphr Exposure time	ia magna (Water flea)): 15 mg/l e: 21 d
M-Fac toxicity	etor (Chronic aquatic y)	:	10	
	/l alcohol:			
IOXICI	ty to fish	:	Exposure time	ales promelas (fathead minnow)): 460 mg/l e: 96 h
	ty to daphnia and other c invertebrates	:	Exposure time	a magna (Water flea)): 230 mg/l :: 48 h D Test Guideline 202
Toxicit plants	ty to algae/aquatic	:	mg/l Exposure time	okirchneriella subcapitata (green algae)): 770 9: 72 h D Test Guideline 201
			mg/l Exposure time	lokirchneriella subcapitata (green algae)): 310 9: 72 h D Test Guideline 201
11				nia magna (Water flea)): 51 mg/l





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aqua ic tox	tic invertebrates (Chron- icity)		Exposure time: 2 Method: OECD T	
Persi	istence and degradabil	ity		
Com	ponents:			
Benz	yl alcohol:			
Biode	egradability	:	Result: Readily b Biodegradation: Exposure time: 14	92 - 96 %
Bioa	ccumulative potential			
Com	ponents:			
Partit	floxacin: ion coefficient: n- nol/water	:	log Pow: 0.5	
Partit	r yl alcohol: ion coefficient: n- nol/water	:	log Pow: 1.05	
Mobi	lity in soil			
Com	ponents:			
Enro	floxacin:			
	bution among environ- al compartments	:	Koc: 5.55	
	r adverse effects ata available			
13. DISPO	DSAL CONSIDERATION	١S		
Disp	osal methods			
-	e from residues	:		waste into sewer.
Conta	aminated packaging	:	Empty containers dling site for recy	ordance with local regulations. should be taken to an approved waste han- cling or disposal. pecified: Dispose of as unused product.
14. TRAN	SPORT INFORMATION	I		
Inter	national Regulations			
UNR UN n	-	:	UN 3082 ENVIRONMENT/ N.O.S.	ALLY HAZARDOUS SUBSTANCE, LIQUID,





0	
Class : 9	
Packing group : III	
Labels : 9 Environmentally hazardous : yes	
IATA-DGR UN/ID No. : UN 3082	
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.	
()	
Class : 9	
Packing group : III	
Labels : Miscellaneous Packing instruction (cargo : 964	
aircraft)	
Packing instruction (passen- : 964 ger aircraft)	
Environmentally hazardous : yes	
IMDG-Code	
UN number : UN 3082	
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUIE N.O.S.	D,
()	
Class : 9	
Packing group : III Labels : 9	
EmS Code : F-A, S-F	
Marine pollutant : yes	

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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.

15. REGULATORY INFORMATION

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

Minister of Industry Regulation No. 23/M-IND/PER/4/2013 concerning the Revision of Minister of Industry Regulation No. 87/M-IND/PER/9/2009 concerning Globally Harmonized System of Classification and Labelling of Chemicals.

Regulation of the Minister of Health No. 472 of 1996 on the Safeguarding of Substances Hazardous to Health

Hazardous substances that must be registered

: Not applicable





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Government Regulation No. 74 of 2001 on the Management of Hazardous and Toxic Sub- stances									
Haza	rdous substances app	proved for use	: Not applicable						
Prohi	bited substances		: Not applicable						
Restr	icted substances		: Not applicable						
Regu Mate		of Trade No. 7 of 20	22 on Distribution and Control of Hazard	ous					
	Type of hazardous materials subject to distribution and : Not applicable control, Annex I								
	Type of hazardous materials subject to distribution and : Not applicable control, Annex II								
The components of this product are reported in the following inventories:									
AICS		: not determined							
DSL		: not determined							
IECS	С	: not determined							

16. OTHER INFORMATION

Revision Date	:	2024/09/28
Further information Sources of key data used to compile the Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Date format : yyyy/mm/dd

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 con-

SAFETY DATA SHEET



Enrofloxacin (10%) Formulation

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centration; 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 - 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.

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