SAFETY DATA SHEETS

This SDS packet was issued with item: 078948989

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078948987 078948988 078948990



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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier Trade name	:	NexGard® Combo, transdermal solution (finished product)
Synonyms	:	Cat Combo, spot-on solution for cats; PRAZIQUANTEL 8.3% / EPRINOMECTIN 0.4% / ESAFOXOLANER 1.2% TRANSDERMAL SOLUTION with active ingredient: Esafoxolaner, Praziquantel, Eprinomec- tin
		ubstance or mixture and uses advised against Pharmaceutical

1.3 Details of the supplier of the safety data sheet

Company	:	Boehringer Ing. Pharma GmbH & Co.KG Binger Straße 173 55216 Ingelheim Germany
Telephone	:	+498007790900
E-mail address of person re- sponsible for the SDS	:	EHS-Services@Boehringer-Ingelheim.com

Recommended restrictions : Safety Data Sheet only for the professional user.

1.4 Emergency telephone number

on use

Int. Emergency Telephone number: +1 703-527-3887 Chemtrec 24-hours

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)					
Serious eye damage, Category 1	H318: Causes serious eye damage.				
Reproductive toxicity, Category 2	H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.				
Effects on or via lactation	H362: May cause harm to breast-fed children.				
Short-term (acute) aquatic hazard , Cate- gory 1	H400: Very toxic to aquatic life.				



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Long-term (chronic) aquatic hazard , Category 1 H410: Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	 H318 Causes serious eye damage. H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H362 May cause harm to breast-fed children. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements :		 Prevention: P201 Obtain special instructions before use. P263 Avoid contact during pregnancy and while nursing. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response: P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if pre- sent and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. P391 Collect spillage.

Hazardous components which must be listed on the label:

Glycerol formal Eprinomectin

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

This drug is not subject to the labelling requirements under the Globally Harmonized System (GHS)

The pharmacological effect of the medicament has to be considered (see package leaflet).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature

: organic



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Components

Chemical name	CAS-No.	Classification	Concentration
Onernical hame	EC-No.	Classification	(% w/w)
			(70 \\/\\)
	Index-No.		
	Registration number		
Glycerol formal	Not Assigned	Eye Irrit. 2; H319	>= 20 - < 30
		Repr. 2; H361fd	
Praziquantel	55268-74-1	Aquatic Chronic 3;	>= 2,5 - < 10
	259-559-6	H412	
Eprinomectin	123997-26-2	Acute Tox. 3; H301	>= 0,3 - < 1
		Repr. 2; H361	
		Lact.H362	
		STOT RE 1; H372	
		Aquatic Acute 1;	
		H400	
		Aquatic Chronic 1;	
		H410	
		M-Factor (Acute	
		aquatic toxicity):	
		1.000	
		M-Factor (Chronic	
		aquatic toxicity):	
		1.000	

For explanation of abbreviations see section 16.

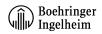
SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately (show the label where possible). First Aid responders should pay attention to self-protection and use the recommended protective clothing Remove from exposure, lie down. Take off immediately all contaminated clothing. Victim to lie down in the recovery position, cover and keep him warm.
If inhaled	:	Move to fresh air.
In case of skin contact	:	Wash off immediately with plenty of water.
In case of eye contact	:	Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing.
If swallowed	:	Rinse mouth. Drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Risks	: Causes serious eye damage.



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			unborn child.	amaging fertility. Suspected of damaging the m to breast-fed children.
4.3 India	cation of any immediate n	ned	ical attention a	nd special treatment needed
Tre	eatment	:	medicinal prod	Immary of product characteristics of proprietary ucts eatment (decontamination, vital functions).
SECTIO	ON 5: Firefighting meas	ure	es.	
5.1 Exti	nguishing media			
	itable extinguishing media	:		ing measures that are appropriate to local cir- d the surrounding environment.
5.2 Spec	cial hazards arising from	the	substance or n	nixture
	ecific hazards during fire- hting	:	In case of fire a Can be release Carbon oxides Nitrogen oxides	
5.3 Advi	ce for firefighters			
	ecial protective equipment firefighters	:		fire, wear self-contained breathing apparatus. rotecting against chemicals
Fu	rther information	:	must not be dis Fire residues a	inated fire extinguishing water separately. This scharged into drains. nd contaminated fire extinguishing water must in accordance with local regulations.
SECTIO	ON 6: Accidental releas	e n	neasures	
6 1 Porc	onal precautions, protec	tive	equipment and	l amarganov proceduros
	rsonal precautions, protec	:	• •	protective equipment.
			Ensure adequa High risk of slip	te ventilation. pping due to leakage/spillage of product.
6.2 Envi	ronmental precautions			
	vironmental precautions	:	Do not flush int	o surface water or sanitary sewer system.
6.3 Meth	nods and material for con	tair	nment and clear	ning up
	thods for cleaning up	:		nsfer to properly labelled containers.



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6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

SECTION 7: Handling and storage 7.1 Precautions for safe handling Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms. Advice on protection against : No special protective measures against fire required. The fire and explosion product is not flammable. : General industrial hygiene practice. Wash hands and face be-Hygiene measures fore breaks and immediately after handling the product. Keep working clothes separately. 7.2 Conditions for safe storage, including any incompatibilities Requirements for storage ar- : No special storage conditions required. eas and containers Advice on common storage : Keep away from food, drink and animal feedingstuffs.

-		Observe joint storage prohibition.
Storage class (TRGS 510)	:	10, Combustible liquids not in Storage Class 3
7.3 Specific end use(s)		
Specific use(s)	:	Consult the technical guidelines for the use of this sub- stance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.		Control parameters	Basis
		of exposure)		
Praziquantel	55268-74-1	OEL-8h	0,850 mg/m3	Sanofi OEL
Contains no substanc	es with occupation	tional exposure limit	values.	

Components	Basis	Category	Values	Remark
Eprinomectin 123997-26-2	BIEL	3A	10 µg/m3	
	BIPC	1b		



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Abbreviations:

BIEL = Boehringer Ingelheim Exposure Limit (internal value)

BI-STEL = Boehringer Ingelheim Short-Term Exposure Limit (Excursion limit)

BIPC = Boehringer Ingelheim Pregnancy Category

BIPC 1b: No risk of harm to the unborn is to be expected, when the exposure does not exceed the BIEL value. There is evidence in animals and/or humans that this material has the potential to cause harm to the unborn at exposure levels exceeding the BIEL value.

Components	Basis	Category	Values	Remark
Esafoxolaner 1096103-99-9	BIEL	3A	80 µg/m3	
	BIPC	1b		
Abbreviations:				

BIEL = Boehringer Ingelheim Exposure Limit (internal value)

BI-STEL = Boehringer Ingelheim Short-Term Exposure Limit (Excursion limit)

BIPC = Boehringer Ingelheim Pregnancy Category

BIPC 1b: No risk of harm to the unborn is to be expected, when the exposure does not exceed the BIEL value. There is evidence in animals and/or humans that this material has the potential to cause harm to the unborn at exposure levels exceeding the BIEL value.

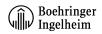
8.2 Exposure controls

Engineering measures

Local exhaust Emergency sprinkling nozzle

Personal protective equipment

Eye protection	:	Safety glasses with side-shields
Hand protection Material Glove thickness Directive Protective index	: : :	Nitrile rubber 0,43 mm Protective gloves against chemicals and micro-organisms Class 6
Remarks	:	The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.

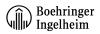


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Skin	and body protection	: Laboratory: la	aboratory coat; Factory: disposable Overall.
Resp	iratory protection	quired.	respiratory protective equipment normally re- paratus needed only when aerosol or mist is protection
Prote	ective measures	practice. Avoid contac Only use pro ternational re wearing pers	cordance with good industrial hygiene and safety t with skin, eyes and clothing. tective equipment in accordance with national/in- gulations. Follow the national regulations about onal protective equipment and the warranty manufacturer for the safe function.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Colour	:	No data available
Odour	:	No data available
Odour Threshold	:	No data available
рН	:	No data available
Melting point/range	:	Not applicable
Boiling point/boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available



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Re	elative density	: No data available	
Βι	ılk density	: Not applicable	
So	ubility(ies) Water solubility	: No data available	
	ntition coefficient: n-oc- nol/water	: No data available	
Au	to-ignition temperature	: No data available	
De	ecomposition temperature	: No data available	
Vis	cosity Viscosity, dynamic	: No data available	
E>	plosive properties	: Not tested	
O	kidizing properties	: No data available	
	er information If-ignition	: No data available	

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	No dangerous reaction known under conditions of normal use.
10.4 Conditions to avoid Conditions to avoid	:	Extremes of temperature and direct sunlight.
10.5 Incompatible materials Materials to avoid	:	No data available

10.6 Hazardous decomposition products

No data available



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

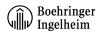
Acute toxicity Not classified based on available information.

Product:

Acute oral toxicity	:	LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 423 GLP: yes
Acute dermal toxicity	:	(Rabbit): Method: OECD Test Guideline 404 GLP: yes Assessment: The substance or mixture has no acute dermal toxicity
		LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402 GLP: yes
Components:		
Glycerol formal:		
Acute oral toxicity	:	LD50 (Rat): > 3.000 mg/kg
		LD50 (Mouse): 8.000 mg/kg
Acute inhalation toxicity	:	Remarks: No data available
Acute dermal toxicity	:	Assessment: Toxic effects cannot be excluded
Praziquantel:		
Acute oral toxicity	:	LD50 (Rat): 2.249 mg/kg
Acute inhalation toxicity	:	Remarks: No data available
Acute dermal toxicity	:	Assessment: Toxic effects cannot be excluded
Eprinomectin:		
A outo a rol toxiaity		

Acute oral toxicity : LD50 (Mouse): 70 mg/kg LD50 (Rat): 55 mg/kg Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available



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Skin o	corrosion/irritation			
Not cla	assified based on ava	ilable i	nformation.	
<u>Comp</u>	onents:			
Glyce	rol formal:			
Rema	arks	:	May cause skin	irritation.
Prazic	quantel:			
Spec		:	Rabbit	
Metho Resu		:	OECD Test Gui No skin irritatior	
Eprin	omectin:			
Resu	lt	:	No skin irritatior	1
	us eye damage/eye i		on	
Cause	es serious eye damage	e.		
Produ				
Spec		:	Rabbit	
Metho Resu			OECD Test Gui	deline 405 damage to eyes.
GLP		:	yes	
<u>Comp</u>	onents:			
Glyce	rol formal:			
Resu	lt	:	Irritating to eyes	5.
	quantel:			
Rema	arks	:	No data availab	le
•	omectin:			
Speci Resu		:	Rabbit No eye irritation	I
Respi	ratory or skin sensit	isatio	n	
Skin s	sensitisation			
	assified based on ava	ilable i	nformation.	
-	ratory sensitisation assified based on ava	ilable i	nformation.	
<u>Comp</u>	onents:			
Glvce	rol formal:			
Rema		:	No data availab	le



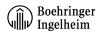
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Praziq	uantel:			
Test T		:	modified Buehl	er test
Specie		:	Guinea pig	
Metho Resul		:	OECD Test Gu	e skin sensitisation.
Rema	irks	:	No data availat	ble
Eprinc	omectin:			
Test T		:		ymph Node Assay (LLNA)
Speci		:	Guinea pig	
Resul	t	:	Does not cause	e skin sensitisation.
Germ	cell mutagenicity			
Not cla	ssified based on ava	ilable i	nformation.	
<u>Comp</u>	onents:			
Glycer	ol formal:			
Genot	toxicity in vitro	:	Remarks: No d	ata available
Genot	toxicity in vivo	:	Test Type: Mici Result: negative	
Praziq	uantel:			
Genot	toxicity in vitro	:	Remarks: No d	ata available
Genot	toxicity in vivo	:	Remarks: No d	ata available
Eprinc	omectin:			
Genot	toxicity in vitro	:	Test Type: Ame Test system: S Result: negative	. typhimurium and E. coli
				itro mammalian cell gene mutation test 79 cells (Chinese hamster) e
				omosome aberration test in vitro hinese hamster ovary cells e
Genot	toxicity in vivo	:	Test Type: Mich Species: Mouse Result: negative	e

Carcinogenicity

Not classified based on available information.



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<u>Comp</u>	onents:			
Glycer	rol formal:			
Rema	irks	:	No data availa	ble
Praziq	uantel:			
Rema	ırks	:	No data availa	ble
Carcir ment	nogenicity - Assess-	:	Did not show o	carcinogenic effects in animal experiments.
Eprinc	omectin:			
Rema	arks	:	The chemical	structure does not suggest such an effect.
Repro	ductive toxicity			
	cted of damaging ferti ause harm to breast-fe			naging the unborn child.
<u>Comp</u>	onents:			
Glycer	rol formal:			
-	s on fertility	:	Remarks: No	data available
Effect ment	s on foetal develop-	:	Remarks: No	data available
Repro sessm	oductive toxicity - As- nent	:	Some evidenc animal experir	e of adverse effects on development, based on nents.
				e of adverse effects on sexual function and fe animal experiments.
Praziq	uantel:			
Effect	s on fertility	:	Remarks: No	data available
Effect ment	s on foetal develop-	:	Remarks: No	data available
Repro sessm	oductive toxicity - As- nent	:	Animal testing	did not show any effects on fertility.
Enring	omectin:			
	s on fertility	:	Remarks: No	data available
Effect	s on foetal develop-	:	Species: Rat Application Ro Dose: 0, 1, 2,5	ro-generation study oute: Ingestion 5-3, 6 mg/kg /day ity Maternal: NOEL: 1 mg/kg body weight



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				oxicity: NOEL: 1 mg/kg body weight show teratogenic effects in animal experi-
			Species: Rabbit Application Route Dose: 0,5 to 8 mg General Toxicity Embryo-foetal tox	
•	roductive toxicity - As- ment	:		f adverse effects on sexual function and fer- evelopment, based on animal experiments., actation
	F - single exposure lassified based on availa	blo	information	
	ponents:	able		
Glyce	erol formal:			
Rem	arks	:	No data available	
Prazi Rem	quantel: arks	:	No data available	
	nomectin: narks	:	Not classified due ficient for classifie	e to data which are conclusive although insuf- cation.
	F - repeated exposure lassified based on availa	able	information.	
	ponents:			
Glyce Rem	erol formal: arks	:	No data available	
Prazi Rem	quantel: arks	:	No data available	
Expo Targ	tomectin: osure routes let Organs essment	::		system mixture is classified as specific target organ d exposure, category 1.



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Repea	ated dose toxicity			
<u>Comp</u>	onents:			
Eprino	omectin:			
Speci NOEL		:	Rabbit 1,5 mg/kg	
Applic	cation Route	:	Oral	
Expos Dose	sure time	:	28-day 1,5 - 25 mg/kg/da	у
Speci		:	Rat	
NOEL Applic	- cation Route	:	5 mg/kg Oral	
Dose		:	1 - 30 mg/kg/day	
Speci		:	Rat	
NOEL Applio	L cation Route	:	10 mg/kg Oral	
	sure time	:		
Glyce	oonents: rol formal: ta available			
	quantel: ta available			
Eprino	omectin:			
No dat	ta available			
Furthe	er information			
<u>Comp</u>	onents:			
	uantel:			
Rema	arks	:	May be harmful b	y inhalation, ingestion, skin absorption.
Eprind	omectin:			
Rema	arks	:	Neurotoxic effect	
1		·		

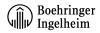


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SECTION 12: Ecological information

12.1 Toxicity

Components:		
Glycerol formal: Toxicity to fish	:	Remarks: No data available
Toxicity to daphnia and other aquatic invertebrates	:	Remarks: No data available
Toxicity to algae/aquatic plants	:	Remarks: No data available
Toxicity to microorganisms	:	Remarks: No data available
Toxicity to fish (Chronic tox- icity)	:	Remarks: No data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	Remarks: No data available
Ecotoxicology Assessment		
Acute aquatic toxicity	:	Toxic effects cannot be excluded
Chronic aquatic toxicity	:	Toxic effects cannot be excluded
Praziquantel:		
Toxicity to fish	:	LC50 (Fish): 13,4 mg/l Exposure time: 24 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 35 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	Remarks: No data available
Toxicity to microorganisms	:	Remarks: No data available
Toxicity to fish (Chronic tox- icity)	:	Remarks: No data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	Remarks: No data available



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Ecoto	xicology Assessment			
	aquatic toxicity	:	Toxic effects can	not be excluded
Chror	nic aquatic toxicity	:	Toxic effects can	not be excluded
Eprino	omectin:			
Toxic	ity to fish	:		nacrochirus (Bluegill sunfish)): 0,37 mg/l est Guideline 203
I			LC50 (Oncorhynd Exposure time: 9	chus mykiss (rainbow trout)): 1,2 mg/l 6 h
	ity to daphnia and other tic invertebrates	:	Exposure time: 4 Method: OECD T The value is give	nagna (Water flea)): 0,00045 mg/l 8 h est Guideline 202 n in analogy to the following substances: 4"-(acetylamino)-5-O-demethyl-4"-deoxy-,
Toxic plants	ity to algae/aquatic s	:	EC50 (Pseudokir Method: OECD T	chneriella subcapitata (algae)): 3,4 mg/l est Guideline 201
M-Fa icity)	ctor (Acute aquatic tox-	:	1.000	
Toxic	ity to microorganisms	:	Remarks: No data	a available
Toxic icity)	ity to fish (Chronic tox-	:	Remarks: No data	a available
aquat	ity to daphnia and other tic invertebrates nic toxicity)	:		
M-Fa toxicit	ctor (Chronic aquatic ty)	:	1.000	
Toxic ganis	ity to soil dwelling or- ms	:		fetida (earthworms) est Guideline 222
Sedir	nent toxicity	:		ng/l mus riparius (Midge larvae) est Guideline 218

12.2 Persistence and degradability

Components:

Glycerol formal:



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Bio	degradability	:	Result: Readily	biodegradable.		
Praz	ziquantel:					
Bio	degradability	:	Result: Not read	lily biodegradable.		
Epri	nomectin:					
Bio	Biodegradability		days.	nt substance with a half life of more than 60 Test Guideline 307		
			Inoculum: Sediment Result: Persistent substance with a half life of more than 6 days. Method: OECD Test Guideline 308			
12.3 Bio	accumulative potential					
Con	<u>ponents:</u>					
Glye	cerol formal:					
Bio	accumulation	:	Remarks: No bi P(o/w)<1).	oaccumulation is to be expected (log		
	tition coefficient: n-oc- bl/water	:	log Pow: -0,99			
Praz	ziquantel:					
Bio	accumulation	:	Remarks: No ap expected (log P	opreciable bioaccumulation potential is to be (o/w) 1-3).		
	tition coefficient: n-oc- ol/water	:	log Pow: 2,42			
Epri	nomectin:					
Bio	accumulation	:	Remarks: An ap expected (log P	ppreciable bioaccumulation potential is to be (o/w) > 3).		
				Test Guideline 305 not bioaccumulate.		
	tition coefficient: n-oc- ol/water	:	Pow: 5,4			



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12.4 Mobil	ity in soil			
<u>Comp</u>	onents:			
Distri	quantel: bution among environ- al compartments	:	Remarks: No da	ta available
Eprin	omectin:			
	bution among environ- al compartments	:	Medium: Soil Koc: 1000 Kd: 15,7 Method: Adsorp	tion/Desorption
			Medium: Soil Koc: 9208 Kd: 133,5 Method: Adsorp	tion/Desorption
I 12.5 Resul	ts of PBT and vPvB as	sses	sment	
Produ	ict:			
Asse	ssment	:	to be either pers	mixture contains no components considered sistent, bioaccumulative and toxic (PBT), or and very bioaccumulative (vPvB) at levels of
<u>Comp</u>	onents:			
Eprine	omectin:			
Asse	ssment	:	Persistent and 1	Foxic.
I		:	be either persist	mixture contains components considered to ent, bioaccumulative and toxic (PBT), or very ery bioaccumulative (vPvB)
12.6 Other	adverse effects			
<u>Comp</u>	onents:			
-	rol formal: ional ecological infor- n	:	No data availabl	e
	quantel: ional ecological infor- n	:	No data availabl	e
Eprine	omectin:			



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	Additio mation	nal ecological infor-	:	No data available				
SEC	TION 1	3: Disposal consid	lera	tions				
13.1	Waste	treatment methods						
	Produc	t	:	Dispose of in acc	ordance with local regulations.			
	Contan	ninated packaging	:	same manner as	t be cleaned should be disposed of in the the contents. backaging can be recycled.			
SEC	SECTION 14: Transport information							
14.1	UN nur	nber						
	ADR		:	UN 3082				
	RID		:	UN 3082				
	IMDG		:	UN 3082				
	ΙΑΤΑ		:	UN 3082				
14.2	UN pro	per shipping name						
	ADR		:	ENVIRONMENTA N.O.S. (Eprinomectin)	ALLY HAZARDOUS SUBSTANCE, LIQUID,			
	RID		:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUI N.O.S. (Eprinomectin)				
	IMDG		:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (Eprinomectin)				
	ΙΑΤΑ		:	Environmentally h (Eprinomectin)	nazardous substance, liquid, n.o.s.			
14.3	Transp	ort hazard class(es)						
	ADR		:	9				
	RID		:	9				
	IMDG		:	9				
	ΙΑΤΑ		:	9				

14.4 Packing group		
ADR		
Packing group	:	111
Classification Code	:	M6



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	L	Labels	Identification Number restriction code	:	90 9 (-)	
	F C H		g group cation Code Identification Number	:	III M6 90 9	
	F	IMDG Packing Labels EmS Co		:	III 9 F-A, S-F	
	F F F	aircraft)	instruction (cargo instruction (LQ)	:	964 Y964 III Miscellaneous	
	F Ç F F	Packing ger airc	instruction (LQ)	:	964 Y964 III Miscellaneous	
	14.5 Environme		mental hazards			
	-	ADR Environ	mentally hazardous	:	yes	
	-	RID Environ	mentally hazardous	:	yes	
		I MDG Marine	pollutant	:	yes	
			Passenger) mentally hazardous	:	yes	
		I ATA (C Environ	Cargo) mentally hazardous	:	yes	

14.6 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.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.



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SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	:	Not applicable
Regulation (EC) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	:	Eprinomectin

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

E1	ENVIRONMENTAL HAZARDS
Water contaminating class (Germany)	: WGK 3 highly hazardous to water Classification according to AwSV, Annex 1 (5.2)
TA Luft List (Germany)	 Total dust: Not applicable Inorganic substances in powdered form: Not applicable Inorganic substances in vapour or gaseous form: Not applicable Organic Substances: portion Class 1: 0,08 % Carcinogenic substances: Not applicable Mutagenic: Not applicable Toxic to reproduction: Not applicable



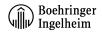
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V	olatile organic compounds	:		/75/EU of 24 November 2010 on industrial egrated pollution prevention and control)			
т	Other regulations: Take note of Law on the protection of mothers at work, in education and in studies (Maternity Protection Act - MuSchG).						
	e components of this pro	oduct :	-	n the following inventories: nce with the inventory			
	SL	:	This product c	ontains the following components that are not an DSL nor NDSL.			
			Esafoxolaner Eprinomectin Praziquantel 1,4:3,6-dianhy Glycerol forma	dro-2,5-di-O-methyl-D-glucitol I			
A	ICS	:	Not in complia	nce with the inventory			
N	ZIoC	:	Not in complia	nce with the inventory			
E	NCS	:	Not in complia	nce with the inventory			
15	HL	:	Not in complia	nce with the inventory			
К	ECI	:	Not in complia	nce with the inventory			
Р	ICCS	:	Not in complia	nce with the inventory			
IE	CSC	:	Not in complia	nce with the inventory			
Т	CSI	:	Not in complia	nce with the inventory			
Т	SCA	:	Substance(s)	not listed on TSCA inventory			

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

SECTION 16: Other information

Full text of H-Statements	
H301	: Toxic if swallowed.
H319	: Causes serious eye irritation.
H361	: Suspected of damaging fertility or the unborn child.



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H361fd H362 H372 H400 H410 H412 Full text of other abbreviat		unborn chile May cause Causes dar posure if sv Very toxic t Very toxic t	Suspected of damaging fertility. Suspected of damaging the unborn child. May cause harm to breast-fed children. Causes damage to organs through prolonged or repeated ex- posure if swallowed. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.				
		ons					
Aquat Eye Ir Lact. Repr. STOT Sanof	ic Acute ic Chronic rit.	: Long-term (Eye irritatio Effects on c Reproductiv Specific tar Sanofi	(acute) aquatic hazard (chronic) aquatic hazard n or via lactation				

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; 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; 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: NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RID -Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB -Very Persistent and Very Bioaccumulative



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Fu	rther information						
Τι	raining advice		Provide adequate erators.	information, instruction and training for op-			
0	Other information		: Vertical lines in the left hand margin indicate an amendment from the previous version.				
Sources of key data used to compile the Safety Data Sheet			: The specifications are based on own tests and/or literature data.				
С	Repr. 2 Lact.			Classification procedure:			
E			8	Based on product data or assess- ment			
R			1fd	Calculation method			
La			2	Calculation method			
A			0	Calculation method			
Aquatic Chronic 1		H41	0	Calculation method			

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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