according to the Globally Harmonized System



Levamisole / Oxfendazole Formulation

			f last issue: 05.12.2023 f first issue: 05.07.2022
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1. PRODUCT AND COMPANY IDENTIFICATION

:	Levamisole / Oxfendazole Formulation
:	Scanda (A007130)
etai	ils
:	MSD
:	Briahnager - Off Pune Nagar Road Wagholi - Pune - India 412 207
:	+1-908-740-4000
:	+1-908-423-6000
:	EHSDATASTEWARD@msd.com
em	ical and restrictions on use
:	Veterinary product Not applicable
	: : : :

2. HAZARDS IDENTIFICATION

Manufacture, Storage and Import of Hazardous Chemicals Rules 1989

Classification

Not classified as hazardous according to criteria laid down in Part I of Schedule-1.

GHS Classification

Acute toxicity (Oral)	:	Category 5
Reproductive toxicity	:	Category 1B
Short-term (acute) aquatic hazard	:	Category 1
Long-term (chronic) aquatic hazard	:	Category 2
GHS label elements		
Hazard pictograms	:	
Signal word	:	Danger

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Hazard statements		H360FD May d H400 Very toxi	H303 May be harmful if swallowed. H360FD May damage fertility. May damage the unborn child. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.		
Precautionary statements		P273 Avoid rele P280 Wear pro	: Prevention: P203 Obtain, read and follow all safety instructions before use P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protec- tion/ face protection.		
		P318 IF expose	Response: P301 + P317 IF SWALLOWED: Get medical help. P318 IF exposed or concerned, get medical advice. P391 Collect spillage.		
		Storage: P405 Store locked up.			
		Disposal: P501 Dispose disposal plant.	of contents/ container to an approved waste		

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
levamisole hydrochloride	16595-80-5	>= 5 - < 10
oxfendazole	53716-50-0	>= 2.5 - < 5
Polyethylene glycol stearate	9004-99-3	>= 1 - < 5
Citric acid	77-92-9	>= 1 - < 5

4. FIRST AID MEASURES

General advice	 In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	: If inhaled, remove to fresh air. Get medical attention.
In case of skin contact	 In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

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If swa	allowed		Get medical atte				
and e	Most important symptoms and effects, both acute and delayed Protection of first-aiders		 Rinse mouth thoroughly with water. May be harmful if swallowed. May damage fertility. May damage the unborn child. First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8). 				
Notes	s to physician			tically and supportively.			
5. FIREFI	GHTING MEASURES						
Suita	ble extinguishing media		Water spray Alcohol-resistan Carbon dioxide Dry chemical				
medi		:	None known.				
fightii	ific hazards during fire- ng rdous combustion prod-		Exposure to con Carbon oxides	nbustion products may be a hazard to health.			
ucts							
Spec ods	Specific extinguishing meth- ods Special protective equipment for firefighters		cumstances and Use water spray Remove undam so.	ng measures that are appropriate to local cir- I the surrounding environment. I to cool unopened containers. aged containers from fire area if it is safe to do			
			Evacuate area.In the event of fire, wear self-contained breathing apparatus.Use personal protective equipment.				
6. ACCID	ENTAL RELEASE MEAS	SUR	ES				
tive e	onal precautions, protec- equipment and emer- y procedures		Follow safe han	otective equipment. dling advice (see section 7) and personal pro- nt recommendations (see section 8).			
Envir	onmental precautions		Prevent further I Prevent spreadi barriers). Retain and dispo	the environment. eakage or spillage if safe to do so. ng over a wide area (e.g. by containment or of ose of contaminated wash water. s should be advised if significant spillages ined.			
	ods and materials for inment and cleaning up		For large spills, ment to keep ma be pumped, stor Clean up remair bent.	ert absorbent material. provide dyking or other appropriate contain- aterial from spreading. If dyked material can re recovered material in appropriate container ning materials from spill with suitable absor- I regulations may apply to releases and dis-			

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		posal 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 regarding certain local or national requirements.					
7. HANDL	ING AND STORAGE						
Techr	nical measures		measures under EXPOSURE RSONAL PROTECTION section.				
Local	Total ventilation		If sufficient ventilation is unavailable, use with local exhaust				
Advic	e on safe handling						
	tions for safe storage ials to avoid	: Keep in properly Store locked up. Keep tightly clos Store in accorda	nce with the particular national regulations. the following product types:				

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

:

Components	CAS-No.	Value type (Form of	Control parame- ters / Permissible	Basis
		exposure)	concentration	
levamisole hydrochloride	16595-80-5	TWA	20 µg/m3 (OEB 3)	Internal
	Further inform	ation: Skin		
		Wipe limit	200 µg/100 cm ²	Internal
oxfendazole	53716-50-0	TWA	40 µg/m3 (OEB 3)	Internal
		Wipe limit	400 µg/100 cm ²	Internal
Polyethylene glycol stearate	9004-99-3	TWA (Inhal- able particu- late matter)	10 mg/m3	ACGIH
		TWA (Res- pirable par- ticulate mat- ter)	3 mg/m3	ACGIH

Engineering measures

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

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		design ar protect pr Containm are requi the comp ment dev	eering controls should be implemented by facility nd operated in accordance with GMP principles to products, workers, and the environment. ment technologies suitable for controlling compounds ired to control at source and to prevent migration of pound to uncontrolled areas (e.g., open-face contain- vices). e open handling.
Perso	onal protective equip	nent	
Resp	iratory protection	sure asse	ate local exhaust ventilation is not available or expo- essment demonstrates exposures outside the rec- led guidelines, use respiratory protection.
	ter type protection	: Particulat	ates type
Ma	aterial	: Chemical	al-resistant gloves
	emarks protection	: Wear saf If the wor mists or a Wear a fa	r double gloving. fety glasses with side shields or goggles. rk environment or activity involves dusty conditions, aerosols, wear the appropriate goggles. faceshield or other full face protection if there is a for direct contact to the face with dusts, mists, or
Skin a	and body protection	Additiona being per suits) to a Use appr	iform or laboratory coat. al body garments should be used based upon the task erformed (e.g., sleevelets, apron, gauntlets, disposable avoid exposed skin surfaces. ropriate degowning techniques to remove potentially nated clothing.
Hygie	ene measures	: If exposu flushing s place. When us Wash co The effec engineeri appropria industrial	ure to chemical is likely during typical use, provide eye systems and safety showers close to the working sing do not eat, drink or smoke. ontaminated clothing before re-use. ctive operation of a facility should include review of ring controls, proper personal protective equipment, ate degowning and decontamination procedures, I hygiene monitoring, medical surveillance and the dministrative controls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Aqueous solution
Colour	:	No data available
Odour	:	No data available
Odour Threshold	:	No data available
рН	:	No data available

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	Melting	point/freezing point	:	No data available	
	Initial bo range	iling point and boiling	:	No data available	
	Flash po	bint	:	No data available	
	Evapora	tion rate	:	No data available	
	Flamma	bility (solid, gas)	:	Not applicable	
	Flamma	bility (liquids)	:	No data available	
		xplosion limit / Upper iility limit	:	No data available	
		xplosion limit / Lower vility limit	:	No data available	
	Vapour p	oressure	:	No data available	•
	Relative	vapour density	:	No data available	•
	Relative	density	:	No data available	•
	Density		:	No data available	
	Solubility Wate	y(ies) r solubility	:	No data available	
	Partition octanol/	coefficient: n-	:	Not applicable	
		ition temperature	:	No data available	•
	Decomp	osition temperature	:	No data available	•
	Viscosity Visco	/ psity, kinematic	:	No data available	
	Explosiv	e properties	:	Not explosive	
	Oxidizin	g properties	:	The substance or	mixture is not classified as oxidizing.
	Molecula	ar weight	:	No data available	•
	Particle Particle	characteristics size	:	Not applicable	

10. STABILITY AND REACTIVITY

Reactivity	: Not classified as a reactivity hazard.	
Chemical stability	: Stable under normal conditions.	

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tions Cono Inco	ditions to avoid mpatible materials ardous decomposition		None known. Oxidizing agents	rong oxidizing agents. ecomposition products are known.
11. TOXI		ΓΙΟΙ	N	
	mation on likely routes of osure	:	Inhalation Skin contact Ingestion Eye contact	
Acut	te toxicity			
May	be harmful if swallowed.			
<u>Proc</u> Acut	<u>duct:</u> e oral toxicity	:	Acute toxicity esti Method: Calculati	mate: 2,250 mg/kg on method
Com	ponents:			
leva	misole hydrochloride:			
Acut	e oral toxicity	:	LD50 (Rat): 180 r	ng/kg
			LD50 (Mouse): 22	23 mg/kg
			LD50 (Rabbit): 45	i8 mg/kg
Acut	e inhalation toxicity	:	Remarks: No data	a available
Acut	e dermal toxicity	:	Remarks: No data	a available
oxfe	ndazole:			
	e oral toxicity	:	LD50 (Rat): > 6,0	00 mg/kg
			LD50 (Dog): 1,60	0 mg/kg
			LD50 (sheep): 25	0 mg/kg
Poly	vethylene glycol stearate	e:		
	e oral toxicity	:	LD50 (Rat): > 5,0	00 mg/kg
II Citri	c acid:			
	e oral toxicity	:	LD50 (Mouse): 5,	400 mg/kg
Acut	e dermal toxicity	:	LD50 (Rat): > 2,0 Method: OECD T Assessment: The toxicity	
11				

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ersion)	Revision Date: 06.07.2024	SDS Numbe 10808170-0	
Skin	corrosion/irritation		
	assified based on ava	ailable informatio	on.
Comp	oonents:		
levar	nisole hydrochloride	:	
Rema	arks	: No data	available
oxfen	dazole:		
Speci	es	: Rabbit	
Resul	t	: No skin i	rritation
Polye	thylene glycol stear	ate:	
Speci	es	: Rabbit	
Metho		: Draize T	
Resul	t	: No skin i	rritation
	ooid.		
Citric	aciu.		
Speci	es	: Rabbit	
Speci Metho Resul Serio	es od	: OECD T : No skin i	
Speci Metho Resul Serio Not cl	es od t us eye damage/eye	: OECD T : No skin i	rritation
Speci Metho Resul Serio Not cl <u>Comp</u>	es od t us eye damage/eye assified based on ava	: OECD T : No skin i irritation ailable informatic	rritation
Speci Metho Resul Serio Not cl <u>Comp</u>	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride	: OECD T : No skin i irritation ailable informatic	pritation
Speci Metho Resul Serio Not cl <u>Comp</u> Ievan	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride	: OECD T : No skin i irritation ailable informatic	pritation
Speci Metho Resul Serio Not cl <u>Comp</u> Ievan Rema oxfen	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride arks adazole: es	: OECD T : No skin i irritation ailable informatic : : No data : Rabbit	nritation on. available
Speci Metho Resul Serio Not cl <u>Comp</u> Ievam IRema	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride arks adazole: es	: OECD T : No skin i irritation ailable informatic : : : No data	nritation on. available
Speci Metho Resul Serio Not cl <u>Comp</u> Ievan Rema oxfen Speci Resul	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride arks adazole: es	: OECD T : No skin i irritation ailable informatic : : No data : Rabbit : No eye in	nritation on. available
Speci Metho Resul Serio Not cl Comp Ievan Rema Oxfen Speci Resul Polye	es od t us eye damage/eye assified based on ava <u>conents:</u> hisole hydrochloride arks adazole: es t es t	: OECD T : No skin i irritation ailable informatic : No data : Rabbit : No eye in rate: : Rabbit	nritation on. available
Speci Metho Resul Serio Not cl Comp Ievan Rema Oxfen Speci Resul Speci Metho	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride arks adazole: es t es t	: OECD T : No skin i irritation ailable informatic : No data : Rabbit : No eye in rate: : Rabbit : Draize T	nritation on. available rritation
Speci Metho Resul Serio Not cl Comp Ievan Rema Oxfen Speci Resul Polye	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride arks adazole: es t es t	: OECD T : No skin i irritation ailable informatic : No data : Rabbit : No eye in rate: : Rabbit	nritation on. available rritation
Speci Metho Resul Serio Not cl <u>Comp</u> levan Rema Oxfen Speci Resul Polye Speci Metho Resul	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride arks adazole: es t es t es t es t acid:	: OECD T : No skin i irritation ailable informatic : No data : Rabbit : No eye in rate: : Rabbit : Draize T	nritation on. available rritation
Speci Metho Resul Serio Not cl <u>Comp</u> Ievan Rema Oxfen Speci Resul Polye Speci Metho Resul	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride arks adazole: es t es t es od t t acid: es	: OECD T : No skin i irritation ailable informatic : No data : Rabbit : No eye in rate: : Rabbit : Draize T : No eye in : No eye in	irritation on. available rritation
Speci Metho Resul Serio Not cl <u>Comp</u> levan Rema Oxfen Speci Resul Polye Speci Metho Resul	es od t us eye damage/eye assified based on ava <u>conents:</u> nisole hydrochloride arks adazole: es t es od t acid: es od	: OECD T : No skin i irritation ailable informatic : : No data : Rabbit : No eye in rate: : Rabbit : Draize T : No eye in : Rabbit : OECD T	nritation on. available rritation

Not classified based on available information.

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/ersion 2.0	Revision Date: 06.07.2024		9S Number: 808170-00005	Date of last issue: 05.12.2023 Date of first issue: 05.07.2022	
-	iratory sensitisation lassified based on ava		information.		
Com	ponents:				
levan	nisole hydrochloride):			
Rema	arks	:	No data available		
Polye	ethylene glycol stear	rate:			
Test		:	Open epicutaneo Skin contact	us test	
Spec	sure routes ies	:	Guinea pig		
Resu		:	negative		
	n cell mutagenicity lassified based on ava	ailable	information.		
<u>Com</u>	ponents:				
levan	nisole hydrochloride	: :			
Geno	toxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)	
			Test Type: Chron Result: negative	nosome aberration test in vitro	
oxfer	ndazole:				
Geno	toxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)	
Geno	toxicity in vivo	:		enicity (in vivo mammalian bone-marrow chromosomal analysis) e: Oral	
II Polve	ethylene glycol stear	ate:			
	toxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)	
Citric	acid:				
Geno	toxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)	
			Test Type: in vitro Result: positive	o micronucleus test	
			Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)	
Geno	toxicity in vivo	:	Test Type: Mutag	enicity (in vivo mammalian bone-marrow	

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ersion .0	Revision Date: 06.07.2024	SDS Number: 10808170-00005	Date of last issue: 05.12.2023 Date of first issue: 05.07.2022
		cytogenetic te Species: Rat Application Ro Result: negativ	
	nogenicity assified based on ava	ailable information.	
<u>Comp</u>	oonents:		
levan	nisole hydrochloride	:	
Speci Applic Expos NOAE Rema	cation Route sure time EL	: Mouse : Oral : 2 Years : 80 mg/kg body : No significant	/ weight adverse effects were reported
	cation Route sure time EL	: Rat : Oral : 2 Years : 40 mg/kg body : No significant	/ weight adverse effects were reported
oxfen	dazole:		
Expos Symp	cation Route sure time	: Rat : Oral : 1 Years : No adverse ef : Liver	fects
Expos Symp	cation Route sure time	: Rat : Oral : 2 Years : No adverse ef : Liver	fects
May c	oductive toxicity lamage fertility. May o ponents:	damage the unborn ch	ild.
levan	nisole hydrochloride	:	
Effect	s on fertility	Species: Rat Application Ro	ree-generation reproduction toxicity study oute: Oral nificant adverse effects were reported
Effect ment	s on foetal develop-	Species: Rat Application Ro	nbryo-foetal development oute: Oral Il Toxicity: NOAEL: 20 mg/kg body weight
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ersion)	Revision Date: 06.07.2024	SDS Number: 10808170-0000	Date of last issue: 05.12.2023 Date of first issue: 05.07.2022
Ш		Result: Feto	otoxicity
		Test Type: I Species: Ra Application	Embryo-foetal development abbit Route: Oral ntal Toxicity: LOAEL: 40 mg/kg body weight
Repro sessn	oductive toxicity - As- nent	: Some evide animal expe	nce of adverse effects on development, based c priments.
oxfen	idazole:		
Effect	s on fertility	Species: Ra Application Fertility: NO Target Orga	Route: Oral AEL: 17 mg/kg body weight
		Species: Ra Application Fertility: NO Target Orga	Route: Oral AEL: 0.9 mg/kg body weight
		Fertility: NO Target Orga	buse Route: Oral Single Treatment: 1 Months AEL: 750 mg/kg body weight
Effect ment	s on foetal develop-	Species: Ra Application Developmer	
		Species: Ra Developmer	Embryo-foetal development at ntal Toxicity: NOAEL: 10 mg/kg body weight tive, Embryo-foetal toxicity
		Species: Mo Application Developmen	
		Test Type: I Species: Ra Application	

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I		De	velopmental T	oxicity: NOAEL: 0.625 mg/kg body weight
	oductive toxicity - As- ment	ity	based on anir	f adverse effects on sexual function and fertil- nal experiments., Clear evidence of adverse pment, based on animal experiments.
Citrie	c acid:			
Effec ment	ts on foetal develop-	Sp Ap	st Type: One- <u>c</u> ecies: Rat plication Route sult: negative	generation reproduction toxicity study e: Ingestion
	T - single exposure classified based on avai	lable info	rmation.	
<u>Com</u>	ponents:			
Citrie	c acid:			
Asse	ssment	: Ma	iy cause respir	atory irritation.
Not c	T - repeated exposure classified based on avai ponents:	lable info	rmation.	
	nisole hydrochloride:			
-	et Organs ssment	: Ma	ood, Testis ny cause dama posure.	ge to organs through prolonged or repeated
oxfe	ndazole:			
Expo	sure routes	: Or		
Targe Asse	et Organs ssment	: Ma	er, Testis ly cause dama posure.	ge to organs through prolonged or repeated
Repe	eated dose toxicity			
<u>Com</u>	ponents:			
levar	nisole hydrochloride:			
Spec	ies	: Ra		
NOA Appli	EL cation Route	: 2.5 : Or	5 mg/kg al	
Expo	sure time et Organs		Months stis	
	-			
Spec LOAI		: Do : 20	g) mg/kg	
Appli	cation Route	: Or	al	
⊏xpo Targo	sure time et Organs		Months ood	

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		: Dog : 40 mg/kg : Oral : 3 Months	
oxfen	dazole:		
Expos		: Rat : 11 mg/kg : Oral : 2 Weeks : Blood, Liver, Te	estis
Expos		: Rat : 3.8 mg/kg : Oral : 3 Months : Liver, Testis	
Expos		: Mouse : 750 mg/kg : Oral : 1 Months : Liver	
Expos		: Mouse : 37.5 mg/kg : Oral : 3 Months : Liver	
Specie NOAE Applic Expos Rema	EL cation Route sure time	: Dog : 6 mg/kg : Oral : 1 Months : No significant a	dverse effects were reported
Expos		: Dog : 11 mg/kg : Oral : 2 Weeks : Lymph nodes, t	thymus gland
Expos		: Dog : 13.5 mg/kg : Oral : 12 Months : Liver	
Citric Specie NOAE LOAE	es EL	: Rat : 4,000 mg/kg : 8,000 mg/kg	

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Applio Expos	cation Route sure time	:	Ingestion 10 Days			
-	r ation toxicity lassified based on availa	ble	information.			
Expe	rience with human exp	osı	ıre			
<u>Com</u>	ponents:					
levan Inges	nisole hydrochloride: tion	:	Symptoms: Naus tension	ea, Vomiting, Headache, Dizziness, hypo-		
12. ECOL	OGICAL INFORMATION	1				
Ecoto	oxicity					
Com	ponents:					
levan	nisole hydrochloride:					
Тохіс	ity to fish	:	LC50 (Oryzias lat Exposure time: 96 Method: OECD T			
	ity to daphnia and other tic invertebrates	:	EC50 (Daphnia magna (Water flea)): 64 mg/l Exposure time: 48 h Method: OECD Test Guideline 202			
oxfer	ndazole:					
	ity to fish	:	LC50 (Lepomis m Exposure time: 96	acrochirus (Bluegill sunfish)): > 2.7 mg/l S h		
			LC50 (Oncorhync Exposure time: 96	hus mykiss (rainbow trout)): > 2.5 mg/l 5 h		
	ity to daphnia and other tic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD T			
Toxic plants	ity to algae/aquatic s	:	EC50 (Pseudokir mg/l Exposure time: 72 Method: OECD T			
			NOEC (Pseudok mg/l Exposure time: 72 Method: OECD T			
M-Fa icity)	ctor (Acute aquatic tox-	:	10			

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	ity to daphnia and other tic invertebrates (Chron- icity)	:	Exposure time: 21	l d magna (Water flea)
M-Fa toxici	ctor (Chronic aquatic ty)	:	1	
Polye	ethylene glycol stearate):		
	ity to fish	:	LC50 (Leuciscus Exposure time: 96 Method: DIN 3847	
Toxic	ity to microorganisms	:	EC10 (Bacteria): : Exposure time: 16	
Citric	acid:			
	ity to fish	:	LC50 (Pimephale Exposure time: 96	s promelas (fathead minnow)): > 100 mg/l S h
	ity to daphnia and other tic invertebrates	:	EC50 (Daphnia m Exposure time: 24	agna (Water flea)): 1,535 mg/l I h
Persi	stence and degradabili	ty		
Com	ponents:			
oxfer	ndazole:			
Stabi	ndazole: lity in water	:	Hydrolysis: < 5 %	(4 d)
	ethylene glycol stearate):		
•	egradability	:	Result: Readily bi Biodegradation: Exposure time: 10 Method: OECD To	> 70 %
II Citric	acid:			
	egradability	:	Result: Readily bi Biodegradation: S Exposure time: 28 Method: OECD Te	97 %
Bioa	ccumulative potential			
Com	ponents:			
	ndazole:			
Partit	ion coefficient: n- ol/water	:	log Pow: 1.95	

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octano	acid: on coefficient: n- ol/water ity in soil	:	log Pow: -1.72	
<u>Comp</u> oxfen Distrik menta	oonents: dazole: oution among environ- al compartments	:	log Koc: 3.2	
	adverse effects ta available			
13. DISPO	SAL CONSIDERATION	IS		
Waste	esal methods from residues minated packaging	:	Dispose of in acc Empty containers dling site for recy	waste into sewer. ordance with local regulations. should be taken to an approved waste han- cling or disposal. pecified: Dispose of as unused product.
14. TRANS	SPORT INFORMATION			
Intern	ational Regulations			
UNRT UN nu Prope		:	UN 3082 ENVIRONMENTA N.O.S. (oxfendazole)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
Labels	ng group s onmentally hazardous	: : :	9 III 9 yes	
IATA- UN/ID Prope		:	UN 3082 Environmentally ł (oxfendazole)	nazardous substance, liquid, n.o.s.
Labels Packin aircra Packin ger ai	ng instruction (cargo ft) ng instruction (passen- rcraft)	:	9 III Miscellaneous 964 964	
	onmentally hazardous -Code umber	:	yes UN 3082	

according to the Globally Harmonized System



Levamisole / Oxfendazole Formulation

Version 2.0	Revision Date: 06.07.2024		9S Number: 808170-00005	Date of last issue: 05.12.2023 Date of first issue: 05.07.2022
Prope	er shipping name	:	ENVIRONMENT N.O.S. (oxfendazole)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
Class Packii Labels EmS	ng group s	:	9 111 9 F-A, S-F	
	e pollutant	:	yes	

Transport in bulk according to IMO instruments

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

The components of this product are reported in the following inventories:

AICS	: not determined	
DSL	: not determined	
IECSC	: not determined	

16. OTHER INFORMATION

Revision Date	:	06.07.2024
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	:	dd.mm.yyyy		
Full text of other abbreviations				
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)		
		.		

ACGIH / TWA : 8-hour, 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;

according to the Globally Harmonized System



Levamisole / Oxfendazole Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 05.12.2023
2.0	06.07.2024	10808170-00005	Date of first issue: 05.07.2022

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