

Abamectin / Levamisole Hydrochloride / Oxfendazole / Cobalt Disodium EDTA / Sodium Selenate Formulation

Versi 1.7	ion	Revision Date: 23.07.2024		S Number: 12605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022	
	TION 1 Produc	: IDENTIFICATION t name	:		amisole Hydrochloride / Oxfendazole / Cobalt / Sodium Selenate Formulation	
	Other means of identification		:		9) ECTA TRIPLE ACTIVE DRENCH FOR TTLE MINERALISED (67327)	
I	Manufacturer or supplier's details					
(Compa	ny	:	Intervet Australia	Pty Limited (trading as MSD Animal Health)	
	Addres	S	:	91-105 Harpin St Bendigo 3550, V		
-	Telepho	one	:	1 800 033 461		
ļ	Emerge	ency telephone number	• :	Poisons Informat	ion Centre: Phone 13 11 26	
I	E-mail :	address	:	EHSDATASTEW	'ARD@msd.com	
	Recom	mended use of the ch mended use tions on use	nemi : :	i cal and restrictio Veterinary produ Not applicable		

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral)	:	Category 4
Respiratory sensitisation	:	Category 1
Germ cell mutagenicity	:	Category 2
Carcinogenicity	:	Category 2
Reproductive toxicity	:	Category 1B
Specific target organ toxicity - repeated exposure	:	Category 2 (Respiratory Tract, Thyroid, Heart, Blood)

GHS label elements



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Hazar	rd pictograms		!
Signa	l word	: Danger	\mathbf{V}
Hazar	d statements	difficulties if inh H341 Suspecte H351 Suspecte H360FD May d H373 May caus	se allergy or asthma symptoms or breathing
Preca	utionary statements	P202 Do not ha and understood P260 Do not br P264 Wash ski P270 Do not ea P280 Wear pro tion/ face prote	eathe mist or vapours. n thoroughly after handling. at, drink or smoke when using this product. tective gloves/ protective clothing/ eye protec-
		CENTER/ docto P304 + P340 IF keep comfortab P308 + P313 IF attention.	P330 IF SWALLOWED: Call a POISON or if you feel unwell. Rinse mouth. F INHALED: Remove person to fresh air and le for breathing. F exposed or concerned: Get medical advice/ experiencing respiratory symptoms: Call a FER/ doctor.
		Storage: P405 Store loci	
		Disposal:	of contents/ container to an approved waste

Other hazards which do not result in classification None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS



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Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
levamisole hydrochloride	16595-80-5	>= 3 -< 10
Cobalt disodium ethylenediaminetetraacetate	15137-09-4	>= 3 -< 10
oxfendazole	53716-50-0	>= 0.3 -< 10
Benzyl alcohol	100-51-6	< 10
Citric acid	77-92-9	< 10
Polyethylene glycol stearate	9004-99-3	< 10
Sodium selenate	13410-01-0	< 1
abamectin (combination of avermectin B1a and avermectin B1b) (ISO)	71751-41-2	< 0.5

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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	:	
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	
Protection of first-aiders	:	First Aid responders should pay attention to self-protection,



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Not	es to physician	:	when the potenti	mmended personal protective equipment al for exposure exists (see section 8). ically and supportively.
SECTIO	N 5. FIREFIGHTING MEA	SU	RES	
Suitable extinguishing media		:	Water spray Alcohol-resistant Carbon dioxide (Dry chemical	
	Unsuitable extinguishing media		None known.	
	Specific hazards during fire- fighting		Exposure to corr	bustion products may be a hazard to health.
	zardous combustion prod-	:	Carbon oxides Cobalt compoun Nitrogen oxides Metal oxides	
Spe ods	ecific extinguishing meth-	:	cumstances and Use water spray	g measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. aged containers from fire area if it is safe to do
for	ecial protective equipment firefighters zchem Code	:	In the event of fir	e, wear self-contained breathing apparatus. stective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective 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 oil 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 in appropriate container. Clean up remaining materials from spill with suitable absor- bent.



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Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

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 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 Keep container tightly closed. Already sensitised individuals, and those susceptible to asthma, allergies, chronic or recurrent respiratory disease, should consult their physician regarding working with respira- tory irritants or sensitisers. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the environment.
Hygiene measures	:	If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls.
Conditions for safe storage	:	Keep in properly labelled containers. Store locked up. Keep tightly closed. Store in accordance with the particular national regulations.
Materials to avoid	:	Do not store with the following product types: Strong oxidizing agents



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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components CAS-No. Control parame-Value type Basis (Form of ters / Permissible exposure) concentration levamisole hydrochloride 16595-80-5 TWA 20 µg/m3 (OEB 3) Internal Further information: Skin Wipe limit 200 µg/100 cm² Internal 53716-50-0 TWA 40 µg/m3 (OEB 3) oxfendazole Internal Wipe limit 400 µg/100 cm² Internal Polyethylene glycol stearate 9004-99-3 TWA 10 mg/m3 AU OEL TWA (Inhal-10 mg/m3 ACGIH able particulate matter) TWA (Res-ACGIH 3 mg/m3 pirable particulate matter) 13410-01-0 TWA 0.1 mg/m3 AU OEL Sodium selenate (selenium) TWA 20 µg/m3 (OEB 3) Internal Wipe limit 200 µg/100 cm² Internal TWA 0.2 mg/m3 ACGIH (selenium) 15 µg/m3 (OEB 3) 71751-41-2 TWA abamectin (combination of Internal avermectin B1a and avermectin B1b) (ISO) Wipe limit 150 µg/100 cm² Internal

Components with workplace control parameters

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.
Containment technologies suitable for controlling compounds
are required to control at source and to prevent migration of
the compound to uncontrolled areas (e.g., open-face con-
tainment devices).
Minimize open handling.Personal protective equipment

Respiratory protection	:	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec-
Filter type	:	ommended guidelines, use respiratory protection. Combined particulates and organic vapour type



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Hand	protection		
Ma	aterial	: Chemical-resis	tant gloves
Remarks Eye protection		If the work env mists or aerose Wear a facesh	le gloving. asses with side shields or goggles. ironment or activity involves dusty conditions, ols, wear the appropriate goggles. ield or other full face protection if there is a rect contact to the face with dusts, mists, or
Skin and body protection		Additional bod task being per posable suits)	or laboratory coat. y garments should be used based upon the formed (e.g., sleevelets, apron, gauntlets, dis- to avoid exposed skin surfaces. the degowning techniques to remove potentially clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Aqueous solution, suspension
Colour	:	pink, to, purple
Odour	:	No data available
Odour Threshold	:	No data available
рН	:	3.4 - 4.4 (20 °C)
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available



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Relati	ive vapour density	: No data availa	able
Relative density		: 1.05 - 1.08	
Densi	ity	: No data availa	able
Solub	ility(ies)		

Partition coefficient: n- octanol/water:Not applicableAuto-ignition temperature:No data availableDecomposition temperature:No data availableViscosity Viscosity, kinematic:770 - 5000 mm2/s (20 °C)Explosive properties:Not explosiveOxidizing properties:The substance or mixture is not classified as oxidizing.Molecular weight:No data availableParticle characteristics Particle size:Not applicable	Solubility(ies) Water solubility	:	No data available
Auto-ignition temperature: No data availableDecomposition temperature: No data availableViscosity Viscosity, kinematic: 770 - 5000 mm2/s (20 °C)Explosive properties: Not explosiveOxidizing properties: Not explosiveOxidizing properties: The substance or mixture is not classified as oxidizing.Molecular weight: No data availableParticle characteristics: Viscosity		:	Not applicable
Viscosity Viscosity, kinematic:770 - 5000 mm2/s (20 °C)Explosive properties:Not explosiveOxidizing properties:The substance or mixture is not classified as oxidizing.Molecular weight:No data availableParticle characteristics:		:	No data available
Viscosity, kinematic:770 - 5000 mm2/s (20 °C)Explosive properties:Not explosiveOxidizing properties:The substance or mixture is not classified as oxidizing.Molecular weight:No data availableParticle characteristics:	Decomposition temperature	:	No data available
Oxidizing properties : The substance or mixture is not classified as oxidizing. Molecular weight : No data available Particle characteristics	5	:	770 - 5000 mm2/s (20 °C)
Molecular weight : No data available Particle characteristics	Explosive properties	:	Not explosive
Molecular weight : No data available Particle characteristics			
Particle characteristics	Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
	Molecular weight	:	No data available
		:	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 Incompatible materials Hazardous decomposition products	::	Oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION

Exposure routes	: Inhalation
	Skin contact
	Ingestion
	Eye contact



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	e toxicity ful if swallowed.			
Produ	uct:			
Acute	oral toxicity	:	Acute toxicity es Method: Calcula	stimate: 980.32 mg/kg ation method
Acute	inhalation toxicity	:	Acute toxicity es Exposure time: 4 Test atmosphere Method: Calcula	4 h e: dust/mist
Acute	dermal toxicity	:	Acute toxicity es Method: Calcula	stimate: > 2,000 mg/kg ation method
Comp	oonents:			
	nisole hydrochloride			
Acute	oral toxicity	:	LD50 (Rat): 180	mg/kg
			LD50 (Mouse): 2	223 mg/kg
			LD50 (Rabbit): 4	158 mg/kg
Acute	inhalation toxicity	:	Remarks: No da	ata available
Acute	dermal toxicity	:	Remarks: No da	ta available
Coba	lt disodium ethylene	diami	netetraacetate:	
Acute	oral toxicity	:	LD50 (Rat): > 2, Remarks: Based	000 mg/kg d on data from similar materials
oxfen	dazole:			
Acute	oral toxicity	:	LD50 (Rat): > 6,	000 mg/kg
			LD50 (Dog): 1,6	00 mg/kg
			LD50 (sheep): 2	250 mg/kg
Benzy	yl alcohol:			
Acute	oral toxicity	:	LD50 (Rat): 1,62	20 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 4. Exposure time: 4 Test atmosphere Method: OECD	4 h



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sion	Revision Date: 23.07.2024	SDS Number: 10812605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022
Citrie	c acid:		
	e oral toxicity	: LD50 (Mouse):	5,400 mg/kg
Acute dermal toxicity		: LD50 (Rat): > 2 Method: OECD	
Polye	ethylene glycol stear	ate:	
-	e oral toxicity	: LD50 (Rat): > 5	,000 mg/kg
Sodiu	um selenate:		
Acute	e oral toxicity	: LD50 (Rat): > 5 Remarks: Base	- 50 mg/kg d on data from similar materials
Acute	e inhalation toxicity	: LC50 (Rat): > 0 Exposure time: Test atmospher Method: OECD	4 h
	•		l avermectin B1b) (ISO):
Acute	e oral toxicity	: LD50 (Rat): 24	mg/kg
		LD50 (Mouse):	10 mg/kg
		LDLo (Monkey) Symptoms: Dila	24 mg/kg tation of the pupil
Acute	e inhalation toxicity	: LC50 (Rat): 0.0 Exposure time: Test atmospher	4 h
Acute	e dermal toxicity	: LD50 (Rat): 330	mg/kg
		LD50 (Rabbit):	2,000 mg/kg
Skin	corrosion/irritation lassified based on ava	ilable information.	
Not c			
	ponents:		

Cobalt disodium ethylenediaminetetraacetate:

Species	:	Rabbit	
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Metho Resul Rema	t	:	OECD Test Guid No skin irritation	
Reine	1185	-	Dased on data h	
oxfer	idazole:			
Speci Resul		:	Rabbit No skin irritation	
Benz	yl alcohol:			
Speci	es	:	Rabbit	
Metho Resul		:	OECD Test Gui No skin irritation	
11000		•		
	acid:			
Speci		:	Rabbit OECD Test Gui	deline 404
Metho Resul		:	No skin irritation	
-	thylene glycol stear	ate:		
Speci Metho		:	Rabbit Draize Test	
Resul		:	No skin irritation	I
	im selenate:			
Speci Metho		:	OECD Test Gui	uman epidermis (RhE) deline 431
Speci			reconstructed by	uman anidarmia (DhE)
Speci Metho		:	OECD Test Gui	uman epidermis (RhE) deline 439
Resul	t	:	Skin irritation	
abam	ectin (combination o	of ave	rmectin B1a and	l avermectin B1b) (ISO):
Speci	es	:	Rabbit	
Resul	t	:	No skin irritation	I
Serio	us eye damage/eye i	irritati	on	
	assified based on ava			
Com	oonents:			
levan	nisole hydrochloride	:		
Rema	•	:	No data availabl	le



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Cobal	t disodium ethylen	ediaminetetraacetate	:	
Specie	es	: Rabbit		
Result		: No eye irritatio		
Rema	rks	: Based on data	from similar materials	
oxfen	dazole:			
Specie	es	: Rabbit		
Result	t	: No eye irritatio	n	
Benzy	/l alcohol:			
Specie	es	: Rabbit		
Result		: Irritation to eye	es, reversing within 21 days	
Metho	d	: OECD Test G		
Citric	acid:			
Specie	es	: Rabbit		
Result		: Irritation to eye	es, reversing within 21 days	
Metho	od	: OECD Test G	uideline 405	
Polye	thylene glycol stea	rate:		
Specie	es	: Rabbit		
Result	t	: No eye irritatio	n	
Metho	od	: Draize Test		
Sodiu	m selenate:			
Specie	es	: Bovine cornea	L	
Metho	d	: OECD Test G	uideline 437	
Result	t	: No eye irritatio	n	
abam	ectin (combination	of avermectin B1a ar	nd avermectin B1b) (ISO):	
Specie	es	: Rabbit		
Result		: Mild eye irritat	ion	

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.



Components: Remarks i. No data available Cobalt disodium ethylenediaminetetraacetate: Exposure routes i. inhalation (dust/mist/fume). Species i. inhalation (dust/mist/fume). Result i. positive Remarks i. Based on data from similar materials Assessment i. Probability or evidence of low to moderate respiratory sense Sation rate in humans Based on data from similar materials Assessment i. Probability or evidence of low to moderate respiratory sense Sation rate in humans Based on data from similar materials Mastion rate in humans Based on data from similar materials Mastion rate in humans Exposure routes Species i. Guinea pig Method i. OECD Test Guideline 406 Result megative Basedin contact Skin contact Result megative Chronic toxicity Maximisatin Test <td< th=""><th>/ersion I.7</th><th colspan="2">sion Revision Date: SDS Number: 23.07.2024 10812605-00008</th><th></th><th colspan="2">Date of last issue: 20.03.2024 Date of first issue: 11.07.2022</th></td<>	/ersion I.7	sion Revision Date: SDS Number: 23.07.2024 10812605-00008			Date of last issue: 20.03.2024 Date of first issue: 11.07.2022	
Image: Second Stress Provide Stress Remarks : No data available Cobalt disodium ethylenediaminetetraacetate: Exposure routes :: Exposure routes :: inhalation (dust/mist/fume) Species :: Humans Result :: positive Remarks :: Brobability or evidence of low to moderate respiratory senses sation rate in humans Benzyl alcohol: : Test Type :: Species :: Species :: Station rate in humans Benzyl alcohol: Test Type :: Test Type :: Species :: Species :: Supscript : Method :: OECD Test Guideline 406 Result :: Result :: Test Type :: Skin contact : Species :: Skin contact : Result :: test Type : Maximisat						
Image: Second Stress Provide Stress Remarks : No data available Cobalt disodium ethylenediaminetetraacetate: Exposure routes :: Exposure routes :: inhalation (dust/mist/fume) Species :: Humans Result :: positive Remarks :: Brobability or evidence of low to moderate respiratory senses sation rate in humans Benzyl alcohol: : Test Type :: Species :: Species :: Station rate in humans Benzyl alcohol: Test Type :: Test Type :: Species :: Species :: Supscript : Method :: OECD Test Guideline 406 Result :: Result :: Test Type :: Skin contact : Species :: Skin contact : Result :: test Type : Maximisat	Comp	onents:				
Remarks : No data available Cobalt disodium ethylenediaminetetraacetate: Exposure routes : inhalation (dust/mist/fume) Species : Humans Result : positive Remarks : Based on data from similar materials Assessment : Probability or evidence of low to moderate respiratory senses aation rate in humans Benzyl alcohol: : Test Type : Maximisation Test Exposure routes : Skin contact Species : Guinea pig Method : OECD Test Guideline 406 Result : negative Polyethylene glycol stearate: : Test Type : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact						
Cobalt disodium ethylenediaminetetraacetate: Exposure routes ::::::::::::::::::::::::::::::::::::		-	:			
Exposure routes : inhalation (dust/mist/fume) Species : Humans Result : positive Remarks : Based on data from similar materials Assessment : Probability or evidence of low to moderate respiratory senses sation rate in humans Benzyl alcohol: . Test Type : Maximisation Test Exposure routes : Skin contact Species : Guinea pig Method : OECD Test Guideline 406 Result : negative Polyethylene glycol stearate: . Test Type : Guinea pig Method : OECD Test Guideline 406 Result : negative Polyethylene glycol stearate: . Test Type : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity : Not a skin sensitizer. Chronic toxicity : Skin contact Germ cell mutagenicity : Not a skin sensitizer. </td <td>Remar</td> <td>'ks</td> <td>:</td> <td>No data available</td> <td>e</td>	Remar	'ks	:	No data available	e	
Species : Humans Result : positive Remarks : Based on data from similar materials Assessment : Probability or evidence of low to moderate respiratory senses sation rate in humans Benzyl alcohol: : Probability or evidence of low to moderate respiratory senses sation rate in humans Benzyl alcohol: : Probability or evidence of low to moderate respiratory senses sation rate in humans Benzyl alcohol: : Probability or evidence of low to moderate respiratory senses sation rate in humans Benzyl alcohol: : Probability or evidence of low to moderate respiratory senses sation rate in humans Benzyl alcohol: : Maximisation Test Test Type : Guinea pig Method : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): . Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. </td <td>Cobal</td> <td>t disodium ethylene</td> <td>diam</td> <td>inetetraacetate:</td> <td></td>	Cobal	t disodium ethylene	diam	inetetraacetate:		
Result : positive Remarks : Based on data from similar materials Assessment : Probability or evidence of low to moderate respiratory sens sation rate in humans Benzyl alcohol: : Test Type : Maximisation Test Exposure routes : Skin contact Species : Guinea pig Method : OECD Test Guideline 406 Result : negative Polyethylene glycol stearate: : negative Test Type : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative Polyethylene glycol stearate: : negative Test Type : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity : Not a skin sensitizer. Germ cell mutagenicity : Suspected of causing genetic defects. Components: : Result: negative Ievamisole hydroch	Expos	ure routes	:	inhalation (dust/r	nist/fume)	
Remarks : Based on data from similar materials Assessment : Probability or evidence of low to moderate respiratory sens sation rate in humans Benzyl alcohol: : Test Type : Test Type : Maximisation Test Exposure routes : Species : Skin contact Species : Species : OECD Test Guideline 406 Result : Polyethylene glycol stearate: : Open epicutaneous test : Test Type : Open epicutaneous test : Exposure routes : Skin contact : Species : Guinea pig : : Result : negative : : abamectin (combination of avermectin B1a and avermectin B1b) (ISO): : : : Test Type : Maximisation Test : : : Exposure routes : Skin contact : : : : Suspected of causing genetic defects. : Chronic toxicity : Not a skin sensitizer. : </td <td></td> <td></td> <td>:</td> <td></td> <td></td>			:			
Assessment : Probability or evidence of low to moderate respiratory senses sation rate in humans Benzyl alcohol: : : Test Type : Maximisation Test Exposure routes : Skin contact Species : Guinea pig Method : OECD Test Guideline 406 Result : negative Polyethylene glycol stearate: : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): : Test Type : Maximisation Test Exposure routes : Skin contact Species : Skin contact Species : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity : Not a skin sensitizer. Germ cell mutagenicity : Not a skin sensitizer. Suspected of causing genetic defects. <td></td> <td></td> <td>:</td> <td></td> <td></td>			:			
sation rate in humans Benzyl alcohol: Test Type : Maximisation Test Exposure routes : Species : Method : OECD Test Guideline 406 Result : Polyethylene glycol stearate: Test Type : Polyethylene glycol stearate: Test Type : Species : Supposure routes : Skin contact Species : Guinea pig Result : Result : abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Exposure routes : Skin contact Result : Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: levanisole hydrochloride: Genotoxicity in vitro : Result: negative	Remar	'KS	:	Based on data fr	om similar materials	
Test Type : Maximisation Test Exposure routes : Skin contact Species : Guinea pig Method : OECD Test Guideline 406 Result : negative Polyethylene glycol stearate: . Test Type : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): . Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity . Not a skin sensitizer. Germ cell mutagenicity . . Suspected of causing genetic defects. . Components: . levamisole hydrochloride: . Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative . . Test Type: Chromosome aberration test in vitro . <td>Assess</td> <td>sment</td> <td>:</td> <td></td> <td></td>	Assess	sment	:			
Exposure routes : Skin contact Species : Guinea pig Method : OECD Test Guideline 406 Result : negative Polyethylene glycol stearate: Test Type : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: levamisole hydrochloride: Esentral reverse mutation assay (AMES) Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro	Benzy	l alcohol:				
Exposure routes : Skin contact Species : Guinea pig Method : OECD Test Guideline 406 Result : negative Polyethylene glycol stearate: Test Type : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: levamisole hydrochloride: Esentrial reverse mutation assay (AMES) Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro	Test T	vpe	:	Maximisation Te	st	
Method : OECD Test Guideline 406 Result : negative Polyethylene glycol stearate: . Test Type : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: levamisole hydrochloride: Genotoxicity in vitro Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro : Test Type: Chromosome aberration test in vitro			:	Skin contact		
Result : negative Polyethylene glycol stearate: Test Type : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: Ievamisole hydrochloride: Esent Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro : Test Type: Chromosome aberration test in vitro			:			
Polyethylene glycol stearate: Test Type : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity . Not a skin sensitizer. Suspected of causing genetic defects. . Components: . Ievamisole hydrochloride: . Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative . Test Type: Chromosome aberration test in vitro			:		deline 406	
Test Type : Open epicutaneous test Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: levamisole hydrochloride: Genotoxicity in vitro Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro :	Result		÷	negative		
Exposure routes : Skin contact Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity : Not a skin sensitizer. Germ cell mutagenicity : Suspected of causing genetic defects. Components: : Ievamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro : Test Type: Chromosome aberration test in vitro	-		ate:			
Species : Guinea pig Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: Ievamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro			:		ous test	
Result : negative abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: levamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro			:			
abamectin (combination of avermectin B1a and avermectin B1b) (ISO): Test Type : Maximisation Test Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: Ievamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro			÷			
Test Type:Maximisation TestExposure routes:Skin contactResult:Not a skin sensitizer.Chronic toxicityGerm cell mutagenicitySuspected of causing genetic defects.Components:levamisole hydrochloride:Genotoxicity in vitro:Test Type: Bacterial reverse mutation assay (AMES) Result: negativeTest Type: Chromosome aberration test in vitro	Result		•	negative		
Exposure routes : Skin contact Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: levamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro		-	of ave			
Result : Not a skin sensitizer. Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: levamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro			:		st	
Chronic toxicity Germ cell mutagenicity Suspected of causing genetic defects. Components: levamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro			:		izor	
Germ cell mutagenicity Suspected of causing genetic defects. Components: levamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro	Result		÷	NOT a SKIN SENSI	izer.	
Suspected of causing genetic defects. Components: levamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro	Chron	ic toxicity				
Components: levamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro			tio de	iocto		
Ievamisole hydrochloride: Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro			uc del	5013.		
Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: Chromosome aberration test in vitro			:			
Result: negative Test Type: Chromosome aberration test in vitro		-	:			
				Test Type: Chro	mosome aberration test in vitro	



Version 1.7	Revision Date: 23.07.2024	SDS Number: 10812605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022
	alt disodium ethylened	: Test Type: Bac Method: OECI Result: negativ Remarks: Bas Test Type: In Method: OECI Result: positive Remarks: Bas Test Type: Ch Method: OECI Result: positive	cterial reverse mutation assay (AMES) D Test Guideline 471 /e ed on data from similar materials //itro mammalian cell gene mutation test D Test Guideline 476 e ed on data from similar materials romosome aberration test in vitro D Test Guideline 473
Gen	otoxicity in vivo	Species: Mous Application Ro Result: positive Remarks: Bas Test Type: Mu cytogenetic tes	oute: Intraperitoneal injection e ed on data from similar materials tagenicity (in vivo mammalian bone-marrow st, chromosomal analysis)
		Species: Mous Application Ro Result: positive Remarks: Bas	oute: Ingestion
		Species: Mous Application Ro Result: positive	ute: Ingestion
	n cell mutagenicity - essment	genicity tests.	(s) from in vivo mammalian somatic cell muta- ed on data from similar materials
oxfe	ndazole:		
Gen	otoxicity in vitro	: Test Type: Ba Result: negativ	cterial reverse mutation assay (AMES) /e
Gen	otoxicity in vivo		



rsion 7	Revision Date: 23.07.2024	SDS Number: 10812605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022
		Result: positive	
-	yl alcohol:		
Geno	toxicity in vitro	: Test Type: Bact Result: negative	erial reverse mutation assay (AMES)
Geno	toxicity in vivo	cytogenetic ass Species: Mouse	te: Intraperitoneal injection
Citric	acid:		
Geno	toxicity in vitro	: Test Type: Bact Result: negative	erial reverse mutation assay (AMES)
		Test Type: in vit Result: positive	ro micronucleus test
		Test Type: Bact Result: negative	erial reverse mutation assay (AMES)
Geno	toxicity in vivo		
Polye	thylene glycol stea	rate:	
-	toxicity in vitro		erial reverse mutation assay (AMES)
Sodiu	ım selenate:		
Geno	toxicity in vitro	Method: OECD Result: negative	
		Remarks: Based	d on data from similar materials
abam	ectin (combination	of avermectin B1a and	avermectin B1b) (ISO):
Geno	toxicity in vitro	: Test Type: Bact Result: negative	erial reverse mutation assay (AMES)
			ro mammalian cell gene mutation test inese hamster lung cells



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		Test Type: Alkaline elution assay Result: negative		
Genot	toxicity in vivo	: Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis) Species: Mouse Application Route: Intraperitoneal injection Result: negative		
	nogenicity			
•	ected of causing cancer.			
<u>Comp</u>	oonents:			
	nisole hydrochloride:			
	cation Route sure time EL	 Mouse Oral 2 Years 80 mg/kg body weight No significant adverse effects were reported 		
	cation Route sure time EL	 Rat Oral 2 Years 40 mg/kg body weight No significant adverse effects were reported 		
Coba	lt disodium ethylenedi	minetetraacetate:		
Speci Applic	es cation Route sure time t	 Rat inhalation (dust/mist/fume) 105 weeks positive Based on data from similar materials 		
	cation Route sure time t	 Mouse inhalation (dust/mist/fume) 105 weeks positive Based on data from similar materials 		
Carcir ment	nogenicity - Assess-	: Limited evidence of carcinogenicity in animal studies Remarks: Based on data from similar materials		
oxfen	idazole:			
Speci Applic		: Rat : Oral : 1 Years		



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	otoms et Organs	: No adverse e : Liver	ffects
Expo Symp	ies cation Route sure time otoms et Organs	: Rat : Oral : 2 Years : No adverse e : Liver	ffects
Spec Appli	cation Route sure time od	: Mouse : Ingestion : 103 weeks : OECD Test G : negative	uideline 451
aban	nectin (combination o	f avermectin B1a a	nd avermectin B1b) (ISO):
	cation Route sure time	: Rat : Oral : 105 weeks : negative	
	cation Route sure time	: Mouse : Oral : 93 weeks : negative	
-	oductive toxicity damage fertility. May da	amage the unborn c	nild.
	ponents:		
	nisole hydrochloride: ts on fertility	: Test Type: Th Species: Rat Application R	nree-generation reproduction toxicity study oute: Oral gnificant adverse effects were reported
Effec ment	ts on foetal develop-	Species: Rat Application R	al Toxicity: NOAEL: 20 mg/kg body weight
		Species: Rab Application R	
		17 / 3	00



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				Result: Fetotoxici	ty
	Reproc sessme	luctive toxicity - As- ent	:	Some evidence o animal experimer	f adverse effects on development, based on its.
	Cobalt	disodium ethylened	iam	inetetraacetate:	
	Effects	on fertility	:	Species: Rat Application Route Result: positive	y/early embryonic development :: Ingestion on data from similar materials
				Species: Mouse Application Route Result: positive	y/early embryonic development :: Ingestion on data from similar materials
				Species: Mouse Application Route Result: positive	y/early embryonic development :: inhalation (dust/mist/fume) on data from similar materials
				Species: Rat Application Route Result: positive	y/early embryonic development :: inhalation (dust/mist/fume) on data from similar materials
	Effects ment	on foetal develop-	:	Species: Rat Application Route Method: OECD T Result: negative	vo-foetal development :: Ingestion est Guideline 414 on data from similar materials
	Reproc sessme	luctive toxicity - As- ent	:	fertility, based on	f adverse effects on sexual function and animal experiments. on data from similar materials
	oxfend	lazole:			
	Effects	on fertility	:	Species: Rat, mal Application Route	: Oral 17 mg/kg body weight estes



Versior 1.7	Revision Date: 23.07.2024	SDS Number: 10812605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022
		Species: Rat Application Ro Fertility: NOAI Target Organs	EL: 0.9 mg/kg body weight s: Liver ects on fertility rtility
		Application Ro Duration of Si	oute: Oral ngle Treatment: 1 Months EL: 750 mg/kg body weight s: Testes
Eff me	ects on foetal develop- ent	Species: Rat Application Ro Developmenta	nbryo-foetal development oute: Oral al Toxicity: NOAEL: 10 mg/kg body weight e, Fetal effects
		Species: Rat Developmenta	nbryo-foetal development al Toxicity: NOAEL: 10 mg/kg body weight e, Embryo-foetal toxicity
		Species: Mou Application Ro Developmenta	
		Species: Rabl Application Ro	
	productive toxicity - As- ssment	ity, based on a	e of adverse effects on sexual function and fertil- animal experiments., Clear evidence of adverse elopment, based on animal experiments.
Be	nzyl alcohol:		
	ects on fertility	Species: Rat Application Ro Result: negati	rtility/early embryonic development oute: Ingestion ve ed on data from similar materials



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	Effects ment	on foetal develop-	:	Test Type: Embry Species: Mouse Application Route Result: negative	o-foetal development
	Citric a	cid:			
	Effects ment	on foetal develop-	:	Test Type: One-ge Species: Rat Application Route: Result: negative	eneration reproduction toxicity study
	Sodiun	n selenate:			
	Effects	on fertility	:	Species: Rat Application Route: Result: negative	eneration reproduction toxicity study Ingestion on data from similar materials
	Effects ment	on foetal develop-	:	Species: Mouse Application Route: Result: negative	o-foetal development Ingestion on data from similar materials
	ahame	ctin (combination of a		mectin B1a and a	vermectin B1b) (ISO):
		on fertility	:	Test Type: Fertility	
				Species: Rat, male Application Route Result: Effects on	Oral
				Species: Rat Application Route:	Development: NOAEL: 0.12 mg/kg body
	Effects ment	on foetal develop-	:	Species: Mouse Application Route: General Toxicity M Developmental To Result: Cleft palate Remarks: Adverse	Maternal: NOAEL: 0.05 mg/kg body weight ixicity: NOAEL: 0.2 mg/kg body weight



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		Develop Result: survival	Cleft palat	: Oral oxicity: LOAEL: 2 mg/kg body weight te, Teratogenic effects, Reduced embryonic e developmental effects were observed
		Species Applicat Develop	tion Route	: Oral oxicity: LOAEL: 1.6 mg/kg body weight
	roductive toxicity - As- ment	fertility,	based on	f adverse effects on sexual function and animal experiments., Some evidence of n development, based on animal experi-
	T - single exposure classified based on avail	able informati	on.	
Com	ponents:			
Citri	c acid:			
Asse	essment	: May cau	use respira	atory irritation.
May	T - repeated exposure cause damage to organ ed exposure.	s (Respiratory	/ Tract, Th	yroid, Heart, Blood) through prolonged or re-
Com	ponents:			
	misole hydrochloride:			
•	et Organs essment	: Blood, 1 : May cau exposur	use dama	ge to organs through prolonged or repeated
Cob	alt disodium ethylened	iaminetetraa	cetate:	
Targ	osure routes et Organs essment	: Respira : Shown		e significant health effects in animals at con-
Rem	arks			2 mg/l/6h/d or less. m similar materials
Targ	osure routes et Organs essment	: Shown	, Heart, Bl to produce	e significant health effects in animals at con-
Rem	arks) to 100 mg/kg bw. Im similar materials



rsion	Revision Date: 23.07.2024	SDS Number:Date of last issue: 20.03.202410812605-00008Date of first issue: 11.07.2022
oxfer	idazole:	
Expos	sure routes	: Oral
	et Organs	: Liver, Testis
Assessment		: May cause damage to organs through prolonged or repeate exposure.
Sodiu	ım selenate:	
	sure routes	: Ingestion
Assessment		: Shown to produce significant health effects in animals at co centrations of 10 mg/kg bw or less.
abam	ectin (combination	of avermectin B1a and avermectin B1b) (ISO):
	sure routes	: Ingestion
•	et Organs	: Central nervous system
Asses	ssment	: Causes damage to organs through prolonged or repeated exposure.
Repe	ated dose toxicity	
<u>Com</u>	oonents:	
levan	nisole hydrochloride	2:
Speci	00	: Rat
	63	
NOAE	EL	: 2.5 mg/kg
NOAE Applic	EL cation Route	: 2.5 mg/kg : Oral
NOAE Applic Expos	EL cation Route sure time	: 2.5 mg/kg : Oral : 18 Months
NOAE Applic Expos Targe	EL cation Route sure time t Organs	 2.5 mg/kg Oral 18 Months Testis
NOAE Applic Expos Targe Speci	EL cation Route sure time et Organs es	 2.5 mg/kg Oral 18 Months Testis Dog
NOAE Applic Expose Targe Speci LOAE	EL cation Route sure time tt Organs es EL	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg
NOAE Applic Expose Targe Speci LOAE Applic	EL cation Route sure time et Organs es EL cation Route	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral
NOAE Applic Expose Targe Speci LOAE Applic Expose	EL cation Route sure time tt Organs es EL	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg
NOAE Applic Expose Targe Speci LOAE Applic Expose	EL cation Route sure time et Organs es EL cation Route sure time et Organs	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral 18 Months
NOAE Applic Expose Targe Speci LOAE Applic Expose Targe Speci LOAE	EL cation Route sure time et Organs es EL cation Route sure time et Organs es EL	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral 18 Months Blood Dog 40 mg/kg
NOAE Applic Expose Targe Speci LOAE Applic Expose Targe Speci LOAE Applic	EL cation Route sure time et Organs es EL cation Route sure time et Organs es EL cation Route	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral 18 Months Blood Dog 40 mg/kg Oral Oral
NOAE Applic Expose Targe Speci LOAE Applic Expose Targe Speci LOAE Applic	EL cation Route sure time et Organs es EL cation Route sure time et Organs es EL	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral 18 Months Blood Dog 40 mg/kg
NOAE Applic Expose Targe Speci LOAE Applic Expose Targe Speci LOAE Applic Expose Coba	EL cation Route sure time et Organs EL cation Route sure time et Organs Es EL cation Route sure time It disodium ethylene	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral 18 Months Blood Dog 40 mg/kg Oral 3 Months
NOAE Applic Expose Targe Speci LOAE Applic Expose Targe Speci LOAE Applic Expose Coba Speci	EL cation Route sure time et Organs es EL cation Route et Organs es EL cation Route sure time It disodium ethylene es	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral 18 Months Blood Dog 40 mg/kg Oral 3 Months
NOAE Applic Expose Targe Specie LOAE Applic Expose Targe Specie LOAE Applic Expose Coba Specie LOAE	EL cation Route sure time et Organs EL cation Route sure time et Organs es EL cation Route sure time It disodium ethylene es EL	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral 18 Months Blood Blood Oral 40 mg/kg Oral 3 Months
NOAE Applic Expose Targe Specie LOAE Applic Expose Targe Specie LOAE Applic Expose Coba Specie LOAE Applic Expose	EL cation Route sure time et Organs es cution Route sure time et Organs es cution Route sure time It disodium ethylene es cution Route	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral 18 Months Blood Blood Dog 40 mg/kg Oral 3 Months ediaminetetraacetate: Rat >10 mg/kg Ingestion
NOAE Applic Expose Targe Specie LOAE Applic Expose Targe Specie LOAE Applic Expose Coba Specie LOAE Applic Expose	EL cation Route sure time et Organs es EL cation Route sure time es EL cation Route sure time It disodium ethylene es EL cation Route sure time	 2.5 mg/kg Oral 18 Months Testis Dog 20 mg/kg Oral 18 Months Blood Blood Oral 40 mg/kg Oral 3 Months



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	EL cation Route sure time od arks ies	: inha : 13 V : OEC : Base : Mou	01 mg/l alation (dust/mist/fume) Weeks CD Test Guideline 413 sed on data from similar materials
Appli	cation Route sure time od	: inha : 13 V : OEC	alation (dust/mist/fume) Weeks CD Test Guideline 413 sed on data from similar materials
Spec NOA Appli Expo		: Oral : 2 W	ng/kg
Expo Targo	EL cation Route sure time et Organs	: Oral : 3 Mo : Live	mg/kg I onths er, Testis
Expo Targo	EL cation Route isure time et Organs	: Oral : 1 Mo : Live	mg/kg I onths er
Expo		: Oral	5 mg/kg I onths
	EL cation Route sure time		g/kg
Spec NOA Appli		: Dog : 11 n : Oral	ng/kg



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- Fyrea		: 2 Weeks	
	sure time et Organs	: Lymph nodes, thymus gland	
Expo		: Dog : 13.5 mg/kg : Oral : 12 Months : Liver	
	yl alcohol:		
	EL cation Route sure time	 Rat 1.072 mg/l inhalation (dust/mist/fume) 28 Days OECD Test Guideline 412 	
Citrie	c acid:		
	EL	: Rat : 4,000 mg/kg : 8,000 mg/kg : Ingestion : 10 Days	
Sodi	um selenate:		
		: Rat : 0.4 mg/kg : Ingestion : 13 Weeks	
aban	nectin (combination	of avermectin B1a and avermectin B1b) (ISO):	
Expo Targo		 Rat 1.5 mg/kg Oral 24 Months Central nervous system Tremors, ataxia 	
Expo Targo		 Mouse 4.0 mg/kg Oral 24 Months Central nervous system Tremors, ataxia 	
Spec NOA		: Dog : 0.25 mg/kg	



Abamectin / Levamisole Hydrochloride / Oxfendazole / Cobalt Disodium EDTA / Sodium Selenate Formulation

sion	Revision Date: 23.07.2024	SDS Number: 10812605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022		
Expos Targe Symp Rema Specie NOAE Applic Expos	ation Route sure time t Organs toms rks es :L ation Route sure time	 0.5 mg/kg Oral 53 Weeks Central nervo Tremors, weig mortality obset Monkey 1.0 mg/kg Oral 14 Weeks 	ght loss erved		
Target Organs : Central nervous system					
•	ation toxicity				
	assified based on av				
-	ience with human e	exposure			
Comp	onents:				
	isole hydrochloride				
Ingest	ion	: Symptoms: N tension	: Symptoms: Nausea, Vomiting, Headache, Dizziness, hypo- tension		
Cobal	t disodium ethylen	ediaminetetraacetate	e:		
Inhala		Remarks: Bas	s: Respiratory system sed on data from similar materials		
Ingest	ion	: Target Organ Remarks: Bas Target Organ Target Organ	sed on data from similar materials s: Heart		
		v v			
abam	ectin (combination		nd avermectin B1b) (ISO):		

Components:

levamisole	hydrochloride:
------------	----------------

Toxicity to fish	:	LC50 (Oryzias latipes (Japanese medaka)): 37.3 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 64 mg/l Exposure time: 48 h Method: OECD Test Guideline 202

Revision Date:

Version



Date of last issue: 20.03.2024

Abamectin / Levamisole Hydrochloride / Oxfendazole / Cobalt Disodium EDTA / Sodium Selenate Formulation

SDS Number:

ersion 7	Revision Date: 23.07.2024		DS Number: 812605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022
Cobal	lt disodium ethylenedia	ami	netetraacetate:	
Toxici	•		EC50 (Daphnia n Exposure time: 4 Method: OECD T	nagna (Water flea)): > 100 mg/l 8 h est Guideline 202 on data from similar materials
Toxici plants	ty to algae/aquatic	:	100 mg/l Exposure time: 7: Method: OECD T	elis subcapitata (freshwater green alga)): > 2 h est Guideline 201 on data from similar materials
Toxici icity)	ty to fish (Chronic tox-	:	Exposure time: 3	o (zebra fish)): > 1 mg/l 4 d on data from similar materials
	ty to daphnia and other ic invertebrates (Chron- city)	:	Exposure time: 22 Method: OECD T	zteca (Amphipod)): > 0.01 - 0.1 mg/l 8 d est Guideline 211 on data from similar materials
oxfen	dazole:			
Toxici	ty to fish	:	LC50 (Lepomis m Exposure time: 9	nacrochirus (Bluegill sunfish)): > 2.7 mg/l 6 h
			LC50 (Oncorhynd Exposure time: 9	chus mykiss (rainbow trout)): > 2.5 mg/l 6 h
	ty to daphnia and other ic invertebrates	:	Exposure time: 4	nagna (Water flea)): 0.059 mg/l 8 h rest Guideline 202
Toxici plants	ty to algae/aquatic	:	mg/l Exposure time: 7	chneriella subcapitata (green algae)): > 4 2 h rest Guideline 201
			mg/l Exposure time: 72	rchneriella subcapitata (green algae)): > 4 2 h est Guideline 201
	ty to daphnia and other ic invertebrates (Chron- city)	:	Exposure time: 2	magna (Water flea)): 0.023 mg/l 1 d est Guideline 211



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	Benzyl Toxicity	alcohol: / to fish	:	LC50 (Pimephales 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 Method: OECD Te	
				NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
		invertebrates (Chron-	:	NOEC (Daphnia r Exposure time: 21 Method: OECD Te	
	Citric a	icid:			
	Toxicity	v to fish	:	LC50 (Pimephales Exposure time: 96	s promelas (fathead minnow)): > 100 mg/l 5 h
		to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 24	agna (Water flea)): 1,535 mg/l ⊧h
	Polyet	nylene glycol stearate):		
	-	to fish	:	LC50 (Leuciscus i Exposure time: 96 Method: DIN 3841	
	Toxicity	to microorganisms	:	EC10 (Bacteria): : Exposure time: 16	
	Sodiun	n selenate:			
	Toxicity		:	Exposure time: 96	s promelas (fathead minnow)): > 1 - 10 mg/l 5 h on data from similar materials
		to daphnia and other invertebrates	:	Exposure time: 48	agna (Water flea)): > 1 - 10 mg/l 3 h on data from similar materials
	Toxicity	v to algae/aquatic	:	ErC50 (Chlamydo	monas reinhardtii (green algae)): 245 µg/l



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	plants			Exposure time: 96	i h	
				NOEC (Chlamydo Exposure time: 96	monas reinhardtii (green algae)): 197 μg/l δ h	
	Toxicity icity)	v to fish (Chronic tox-	:	NOEC (Lepomis macrochirus (Bluegill sunfish)): > 0.01 - 0.1 mg/l Exposure time: 258 d Remarks: Based on data from similar materials		
		to daphnia and other invertebrates (Chron- ty)	:	NOEC: > 0.1 - 1 n Exposure time: 28 Remarks: Based o		
	Toxicity	to microorganisms	:	EC10 (activated s Exposure time: 3 Method: OECD Te	h	
	abame Toxicity	•	ave :		ivermectin B1b) (ISO): hus mykiss (rainbow trout)): 3.2 μg/l δ h	
				LC50 (Lepomis m Exposure time: 96	acrochirus (Bluegill sunfish)): 9.6 µg/l 5 h	
				LC50 (Ictalurus pu Exposure time: 96	unctatus (channel catfish)): 24 μg/l δ h	
				LC50 (Cyprinus ca Exposure time: 96	arpio (Carp)): 42 µg/l 5 h	
				LC50 (Cyprinodor Exposure time: 96	n variegatus (sheepshead minnow)): 15 μg/l δ h	
		to daphnia and other invertebrates	:	EC50 (Americamy Exposure time: 96		
				EC50 (Daphnia m Exposure time: 48	agna (Water flea)): 0.34 µg/l ⊱h	
	Toxicity plants	to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72	chneriella subcapitata (green algae)): 100 ? h	
	Toxicity icity)	to fish (Chronic tox-	:	NOEC (Pimephale Exposure time: 32	es promelas (fathead minnow)): 0.52 µg/l ? d	
		to daphnia and other invertebrates (Chron-	:	NOEC (Daphnia n Exposure time: 21	nagna (Water flea)): 0.03 µg/l d	



ersion 7	Revision Date: 23.07.2024	-	OS Number: 812605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022
ic toxi	city)			
			NOEC (Mysidor Exposure time:	osis bahia (opossum shrimp)): 0.0035 μι 28 d
Toxici	ity to microorganisms	:	EC50: > 1,000 r Exposure time: Test Type: Res	
Persi	stence and degradabi	lity		
<u>Com</u>	oonents:			
oxfen	idazole:			
Stabil	ity in water	:	Hydrolysis: < 5	%(4 d)
	yl alcohol:			
Biode	gradability	:	Result: Readily Biodegradation: Exposure time:	: 92 - 96 %
Citric	acid:			
Biode	gradability	:	Result: Readily Biodegradation: Exposure time:	97 %
				Test Guideline 301B
Polye	thylene glycol steara	te:		
Biode	gradability	:	Result: Readily Biodegradation:	
			Exposure time:	
abam	ectin (combination of	ave	rmectin B1a and	d avermectin B1b) (ISO):
Stabil	ity in water	:	Hydrolysis: 50 %	%(< 12 h)
Bioad	cumulative potential			
<u>Comp</u>	oonents:			
Coba	It disodium ethylened	liami	netetraacetate:	
	on coefficient: n- ol/water	:	log Pow: -3.86 Remarks: Calcu	ulation
oxfen	idazole:			
Partiti	on coefficient: n-	:	log Pow: 1.95	



Abamectin / Levamisole Hydrochloride / Oxfendazole / Cobalt Disodium EDTA / Sodium Selenate Formulation

Version 1.7	Revision Date: 23.07.2024		DS Number: 0812605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022
octa	nol/water			
Ben	zyl alcohol:			
	tion coefficient: n- nol/water	:	log Pow: 1.05	
Citri	c acid:			
	tion coefficient: n- nol/water	:	log Pow: -1.72	
abar	nectin (combination of	ave	rmectin B1a and a	avermectin B1b) (ISO):
Bioa	ccumulation	:	Bioconcentration	factor (BCF): 52
	ition coefficient: n- nol/water	:	log Pow: 4	
Mob	ility in soil			
Com	ponents:			
oxfe	ndazole:			
	ibution among environ- tal compartments	:	log Koc: 3.2	
abar	nectin (combination of	ave	rmectin B1a and a	avermectin B1b) (ISO):
	ibution among environ- tal compartments	:	log Koc: > 3.6	
Othe	er adverse effects			
No d	lata available			
SECTION	13. DISPOSAL CONSI	DEF	RATIONS	
Disp	oosal methods			
Was	te from residues	:		f waste into sewer.
Cont	taminated packaging	:	Empty containers dling site for recy	ordance with local regulations. s should be taken to an approved waste han- cling or disposal. pecified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG UN number Proper shipping name	N.O.S.	HAZARDOUS SUBSTANCE, LIQUID, on of avermectin B1a and avermectin e)
	B ID (150), 0x1e110a2016	=)



Abamectin / Levamisole Hydrochloride / Oxfendazole / Cobalt Disodium EDTA / Sodium Selenate Formulation

Class : 9 Packing group : III Labels : 9 Environmentally hazardous : yes IATA-DCR	Versio 1.7	on	Revision Date: 23.07.2024	-	9S Number: 812605-00008	Date of last issue: 20.03.2024 Date of first issue: 11.07.2022
Packing group : III Labels : 9 Environmentally hazardous : yes IATA-DGR UNAD No. : UN 3082 Proper shipping name : Environmentally hazardous substance, liquid, n.o.s. (abamectin (combination of avermectin B1a and avermectin B1b (ISO), oxfendazole) Class : 9 Packing group : III Labels : Miscellaneous Packing instruction (cargo : 964 aircraft) : : Packing instruction (passen- : : 964 ger aircraft) : : Environmentally hazardous : yes IMDG-Code : UN 3082 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxtendazole) Class : : Packing group : III Labels : : Packing group : III Labels : : Proper shipping name :						
Packing group : III Labels : 9 Environmentally hazardous : yes IATA-DGR UNAD No. : UN 3082 Proper shipping name : Environmentally hazardous substance, liquid, n.o.s. (abamectin (combination of avermectin B1a and avermectin B1b (ISO), oxfendazole) Class : 9 Packing group : III Labels : Miscellaneous Packing instruction (cargo : 964 aircraft) : : Packing instruction (passen- : : 964 ger aircraft) : : Environmentally hazardous : yes IMDG-Code : UN 3082 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxtendazole) Class : : Packing group : III Labels : : Packing group : III Labels : : Proper shipping name :						
Labels I : 9 Environmentally hazardous : yes HATA-DGR UN/ID No. : UN 3082 Proper shipping name : Environmentally hazardous substance, liquid, n.o.s. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : Miscellaneous Packing instruction (cargo : 964 ger aircraft) Packing instruction (passen- : 964 ger aircraft) Packing instruction (passen- : 964 ger aircraft) Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) 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. Mational Regulations ADG UN number : UN 3082 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : 9 Proper shipping name : UN 3082 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : 9 Packing group : 9				:		
Environmentally hazardous : yes IATA-DGR			g group	:		
IATA-DGR UN 3082 Proper shipping name :: UN 3082 Proper shipping name :: Environmentally hazardous substance, liquid, n.o.s. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : Miscellaneous Packing instruction (cargo : 964 aircraft) : 9 Packing instruction (passen- : 964 ger aircraft) : 9 Packing instruction (passen- : 964 ger aircraft) : . Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abarnectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : 9 Packing group : III Labels : 9 Packing group : III Labels : 9 EmS Code : F-A, S-F			mentally hazardous	÷		
UNID No. : UN 3082 Proper shipping name : Environmentally hazardous substance, liquid, n.o.s. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : Miscellaneous Packing instruction (cargo : 964 aircraft) Packing instruction (passen- : 964 ger aircraft) Packing instruction (passen- : 964 ger aircraft) Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : 9 Packing group : III Labels : 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. National Regulations ADG UN number : UN 3082 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 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. National Regulations ADG UN number : UN 3082 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : 9 Packing group : III			-		,	
(abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxtendazole) Class 9 Packing group III Labels : Packing instruction (cargo : Packing instruction (cargo : Packing instruction (passen- : ger aircraft) : Proper shipping name : Environmentally hazardous : yes : IMDG-Code : UN number : Environmentally hazardous : yes : ILlabels : Solos : B1b) (ISO), oxfendazole) : Class : Packing group : III : Labels : Distribution : Yes :				:	UN 3082	
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, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) 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. National Regulations ADG UN number : UN 3082 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 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. National Regulations ADG UN number : UN 3082 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : 9 Hazchem Code : •3Z	F	Proper	shipping name	:	(abamectin (com	bination of avermectin B1a and avermectin
Packing group:IIILabels:MiscellaneousPacking instruction (cargo:964aircraft):964Packing instruction (passen-:!Packing instruction (passen-:964ger aircraft):yesIMDG-Code:yesUN number:!UN number:UN 3082Proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abarnectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole)Class:9Packing group:IIILabels:9EmS Code:F-A, S-FMarine pollutant:yesTransport in bulk according to Annex II of MARPOL 73/78 and the IBC CodeNot applicable for product as supplied.National RegulationsADGUN number:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abarnectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole)Class:!Proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abarnectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole)Class:9Packing group:IIILabels:9Packing group:IIILabels:9Packing group:IIILabels:9Packing group:IIILabels: <t< td=""><td>C</td><td>Class</td><td></td><td></td><td>, , ,</td><td>dazole)</td></t<>	C	Class			, , ,	dazole)
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B1b) (ISO), oxfendazole) Class : Packing group : Labels : EmS Code : 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. National Regulations ADG UN number : Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : Packing group : Labels : Hazchem Code :				:	ENVIRONMENTA	ALLY HAZARDOUS SUBSTANCE, LIQUID,
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Not applicable for product as supplied. National Regulations ADG UN number : Proper shipping name : Environment : Packing group : Eabels : Hazchem Code :	Ν	Marine	pollutant	:		
National Regulations ADG UN number : Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : Packing group : Labels : Hazchem Code :	Г	Fransp	ort in bulk according	to	Annex II of MARP	OL 73/78 and the IBC Code
ADG UN number Proper shipping name Class Class Packing group Labels Hazchem Code Class Substance, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Substance (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) (abamectin (combination of avermectin B1a and avermectin (abamectin (combination of avermectin B1a and avermectin (b) (ISO), oxfendazole) (b) (ISO) (combination of avermectin B1a and avermectin (combination of avermectin B1a and avermec	١	Not app	blicable for product as	sup	olied.	
UN number:UN 3082Proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole)Class:9Packing group:III LabelsLabels:9Hazchem Code:•3Z	١	Nationa	al Regulations			
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole) Class : 9 Packing group : III Labels : 9 Hazchem Code : •3Z	ŀ	ADG				
N.O.S. (abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole)Class:Packing group:Labels:9Hazchem Code:•3Z				:		
(abamectin (combination of avermectin B1a and avermectin B1b) (ISO), oxfendazole)Class:Packing group:Labels:9Hazchem Code:•3Z	F	roper	snipping name	:		ALLY HAZARDOUS SUBSTANCE, LIQUID,
Class:9Packing group:IIILabels:9Hazchem Code:•3Z					(abamectin (com	
Labels : 9 Hazchem Code : •3Z				:	9	
Hazchem Code : •3Z			g group	:		
			m Code	÷		
				:		

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



Abamectin / Levamisole Hydrochloride / Oxfendazole / Cobalt Disodium EDTA / Sodium Selenate Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 20.03.2024
1.7	23.07.2024	10812605-00008	Date of first issue: 11.07.2022

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 environr ture	nental regulations/legislat	ion specific for the substance or mix-
Therapeutic Goods (Poisons Standard) Instrument	: Schedule 6	
Prohibition/Licensing Require	ements	: Cobalt disodium ethylenediaminetet- raacetate Refer to model WHS Act and Regu- lations for prohibition, authorisation and restricted use.
The components of this pro	oduct are reported in the f	ollowing inventories:
AICS	: not determined	
DSL	: not determined	
IECSC	: not determined	

SECTION 16: ANY OTHER RELEVANT INFORMATION

Further	information

Revision Date Sources of key data used to compile the Safety Data Sheet	:	23.07.2024 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			
ACGIH AU OEL	:	USA. ACGIH Threshold Limit Values (TLV) Australia. Workplace Exposure Standards for Airborne Con- taminants.	
ACGIH / TWA AU OEL / TWA	:	8-hour, time-weighted average 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 Sys-



Abamectin / Levamisole Hydrochloride / Oxfendazole / Cobalt Disodium EDTA / Sodium Selenate Formulation

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tem; 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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