



Version	Revision Date:	SDS Number:	Date of last issue: 24.04.2024
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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Albendazole / Closantel Sodium Formulation
Other means of identification	:	Closal (A005093)

Manufacturer or supplier's details

Company name of supplier	:	MSD			
Address	:	126 E. Lincoln Avenue			
		Rahway, New Jersey U.S.A. 07065			
Telephone	:	908-740-4000			
Emergency telephone	:	1-908-423-6000			
E-mail address	:	EHSDATASTEWARD@msd.com			
Recommended use of the chemical and restrictions on use					

Recommended use	:	Veterinary product
Restrictions on use	:	Not applicable

SECTION 2. HAZARDS IDENTIFICATION

GHS	Classification
-----	----------------

Skin sensitization	:	Category 1
Reproductive toxicity	:	Category 2
Specific target organ toxicity - single exposure (Oral)	:	Category 2 (Gastrointestinal tract, Central nervous system)
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Gastrointestinal tract, Central nervous system, Im- mune system, Liver)
GHS label elements Hazard pictograms	:	
Signal Word	:	Warning
Hazard Statements	:	 H317 May cause an allergic skin reaction. H361d Suspected of damaging the unborn child. H371 May cause damage to organs (Gastrointestinal tract, Central nervous system) if swallowed. H373 May cause damage to organs (Gastrointestinal tract, Central nervous system, Immune system, Liver) through prolonged or repeated exposure if swallowed.



ersion)	Revision Date: 06.07.2024	SDS Number: 10843093-00014	Date of last issue: 24.04.2024 Date of first issue: 26.08.2022
		P264 Wash skir P270 Do not ea P272 Contamina the workplace.	eathe mist or vapors. a thoroughly after handling. t, drink or smoke when using this product. ated work clothing should not be allowed out of ective gloves/ protective clothing/ eye protection/
		P308 + P311 IF CENTER/ docto P333 + P313 If attention.	ON SKIN: Wash with plenty of water. exposed or concerned: Call a POISON or. skin irritation or rash occurs: Get medical advice/ ake off contaminated clothing and wash it before
		Storage: P405 Store lock	ed up.
		Disposal: P501 Dispose o posal plant.	f contents/ container to an approved waste dis-
	r hazards known.		

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Closantel	57808-65-8	>= 1 -< 5
Albendazole Sulfoxide	54029-12-8	>= 1 -< 5

SECTION 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.
If swallowed	: If swallowed, DO NOT induce vomiting. Get medical attention.

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	t important symptoms effects, both acute and yed	:	Never give anyth May cause an all Suspected of dar May cause dama May cause dama	oughly with water. ing by mouth to an unconscious person. ergic skin reaction. naging the unborn child. ge to organs if swallowed. ge to organs through prolonged or repeated		
Prote	Protection of first-aiders		exposure if swallowed. 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).			
Note	es to physician	:		ically and supportively.		
SECTION	N 5. FIRE-FIGHTING ME	ASL	JRES			
Suita	able extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (0 Dry chemical			
med		:	None known.			
fight		:		bustion products may be a hazard to health.		
Haza ucts	ardous combustion prod-	:	Carbon oxides Nitrogen oxides (Sulfur oxides Chlorine compou lodine compound Metal oxides	nds		
Spec ods	cific extinguishing meth-	:	cumstances and Use water spray	g measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. ged containers from fire area if it is safe to do		
	cial protective equipment re-fighters	:	In the event of fire	e, wear self-contained breathing apparatus. tective equipment.		
SECTION	N 6. ACCIDENTAL RELE	AS	E MEASURES			
tive	conal precautions, protec- equipment and emer- cy procedures	:	Follow safe hand	tective equipment. ling advice (see section 7) and personal nent recommendations (see section 8).		
Envi	ronmental precautions	:	Prevent spreadin oil barriers). Retain and dispo	akage or spillage if safe to do so. g over a wide area (e.g., by containment or se of contaminated wash water. should be advised if significant spillages		
	nods and materials for ainment and cleaning up	:		t absorbent material. rovide diking or other appropriate		



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		can be pumped, container. Clean up remain absorbent. Local or nationa disposal of this r employed in the determine which Sections 13 and	Reep material from spreading. If diked material store recovered material in appropriate hing materials from spill with suitable I regulations may apply to releases and material, as well as those materials and items cleanup of releases. You will need to a regulations are applicable. 15 of this SDS provide information regarding national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Do not get on skin or clothing.
0		Do not breathe mist or vapors.
		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 assessment
		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
Tygiene medsures	•	flushing systems and safety showers close to the working
		place.
		When using do not eat, drink or smoke.
		Contaminated work clothing should not be allowed out of the
		workplace.
		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 labeled containers.
_		Store in accordance with the particular national regulations.
Materials to avoid	:	Do not store with the following product types:
		Strong oxidizing agents
		Gases

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

	•			
Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	



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Closa	antel		57808-65-8	TWA	>= 10 < 100 µg/m3 (OEB 3)	Internal
Alber	idazole Sulfoxide		54029-12-8	TWA	45 µg/m3 (OEB 3)	Internal
			Further informa	ation: DSEN		
				Wipe limit	100 µg/100 cm2	Internal
Engi	neering measures	:	technologies t less quick cor All engineerin design and op protect produc Containment t are required to	to control airbo inections). g controls shou berated in acco cts, workers, and technologies su b control at sou d to uncontrolle devices).	controls and manufa rne concentrations (e uld be implemented by rdance with GMP prin nd the environment. uitable for controlling o urce and to prevent m d areas (e.g., open-fa	.g., drip- y facility nciples to compounds igration of
Perso	onal protective equip	men	t			
	iratory protection Iter type	:	exposure asse	essment demo d guidelines, us	ntilation is not availab nstrates exposures or se respiratory protecti	utside the
Hand	protection					
Ma	aterial	:	Chemical-resi	stant gloves		
	emarks protection	:	If the work en mists or aeros Wear a faces	lasses with sid vironment or a sols, wear the a nield or other fu	e shields or goggles. ctivity involves dusty of appropriate goggles. Ill face protection if th the face with dusts, r	ere is a
Skin a	and body protection	:	Work uniform Additional boo task being per disposable su	rformed (e.g., s its) to avoid ex ate degowning	oat. ould be used based u leevelets, apron, gau posed skin surfaces. techniques to remove	ntlets,

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	suspension, Aqueous solution
Color	:	white, off-white
Odor	:	odorless
Odor Threshold	:	No data available
рН	:	8.5 - 10.5
Melting point/freezing point	:	No data available



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	Initial b range	oiling point and boiling	:	No data available	
	Flash p	point	:	No data available	
	Evapor	ation rate	:	No data available	
	Flamm	ability (solid, gas)	:	Not applicable	
	Flamm	ability (liquids)	:	No data available	
		explosion limit / Upper ability limit	:	No data available	
		explosion limit / Lower ability limit	:	No data available	
	Vapor _l	oressure	:	No data available	
	Relativ	e vapor density	:	No data available	
	Relativ	e density	:	1.035 - 1.051	
	Density	/	:	No data available	
	Solubili Wat	ity(ies) er solubility	:	No data available	
	Partitio octanol	n coefficient: n-	:	Not applicable	
		nition temperature	:	No data available	
	Decom	position temperature	:	No data available	
	Viscosi Visc	ty cosity, kinematic	:	70 - 300 m²/s	
	Explosi	ive properties	:	Not explosive	
	Oxidizi	ng properties	:	The substance or	mixture is not classified as oxidizing.
	Molecu	ılar weight	:	No data available	
	Particle Particle	e characteristics e size	:	< 80 µm	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac-	:	Can react with strong oxidizing agents.



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Inco Haz	s nditions to avoid ompatible materials zardous decomposition ducts	:	None known. Oxidizing agents No hazardous d	s ecomposition products are known.
SECTIO	N 11. TOXICOLOGICAL I	NFO	ORMATION	
Info	ormation on likely routes	of	exposure	
Skir Inge	alation n contact estion e contact			
	Ite toxicity		· •	
	classified based on availa duct:	ble	information.	
	ite oral toxicity	:	Acute toxicity est Method: Calculat	imate: > 5,000 mg/kg ion method
<u>Cor</u>	nponents:			
	santel:			
Acu	te oral toxicity	:	LD50 (Rat, femal	e): 262 mg/kg
Alb	endazole Sulfoxide:			
Acu	te oral toxicity	:	LD50 (Mouse): 1	,500 mg/kg
			LD50 (Rat): 2,40	0 mg/kg
	ite toxicity (other routes of ninistration)	:	LD50 (Rat): 265 Application Route	
	n corrosion/irritation			
	classified based on availa	ble	information.	
	<u>nponents:</u>			
	endazole Sulfoxide:		Rabbit	
Res	ecies sult	÷	No skin irritation	
	ious eye damage/eye irri classified based on availa			
<u>Cor</u>	nponents:			
Alb	endazole Sulfoxide:			
Spe Res	ecies sult	:	Rabbit No eye irritation	



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Resp	iratory or skin sens	itization	
	sensitization cause an allergic skir	reaction.	
-	iratory sensitization lassified based on av		on.
Com	ponents:		
Albei	ndazole Sulfoxide:		
Test Route Asses Resu	es of exposure ssment	: Dermal	
Test Route Resu	es of exposure	: Maximiz : Dermal : Sensitiz	zation Test zer
	n cell mutagenicity lassified based on av	ailable informati	on.
Not c		ailable informati	on.
Not c <u>Com</u>	lassified based on av	ailable informati	on.
Not c <u>Com</u> Closa	lassified based on av ponents:	: Test Ty	on. pe: Bacterial reverse mutation assay (AMES) negative
Not c <u>Com</u> Closa Genc	lassified based on av ponents: antel:	: Test Ty Result: : Test Ty Species Applicat	pe: Bacterial reverse mutation assay (AMES)
Not c <u>Com</u> Closa Genc	lassified based on av ponents: antel: toxicity in vitro	: Test Ty Result: : Test Ty Species Applicat	pe: Bacterial reverse mutation assay (AMES) negative pe: Rodent dominant lethal test (germ cell) (in vivo) s: Mouse tion Route: Ingestion
Not c Com Closs Genc Genc	lassified based on av ponents: antel: toxicity in vitro	: Test Ty Result: : Test Ty Species Applicat Result: : Test Ty	pe: Bacterial reverse mutation assay (AMES) negative pe: Rodent dominant lethal test (germ cell) (in vivo) s: Mouse tion Route: Ingestion
Not c Com Closs Genc Genc	lassified based on av ponents: antel: toxicity in vitro toxicity in vivo	 Test Ty Result: Test Ty Species Applicat Result: Test Ty Result: 	pe: Bacterial reverse mutation assay (AMES) negative pe: Rodent dominant lethal test (germ cell) (in vivo) s: Mouse tion Route: Ingestion negative pe: Bacterial reverse mutation assay (AMES)

Carcinogenicity

Not classified based on available information.



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<u>c</u>	components:			
С	losantel:			
	pecies	:	Rat	
A	pplication Route	:	Ingestion	
	xposure time	:	2 Years	
IIR	esult	:	negative	
Α	Ibendazole Sulfoxide:			
	pecies	:	Mouse	
	pplication Route	:	Oral	
	xposure time	÷	2 Years	
	IOAEL Lesult	•	400 mg/kg body v	leight
IIr	esuit	•	negative	
	pecies	:	Rat	
	pplication Route	:	Oral	
	xposure time	÷	2 Years	icht
	IOAEL Lesult	•	20 mg/kg body we negative	agnt
	arcinogenicity - Assess-	:	-	rcinogenicity in animal studies.
m	nent			
S	eproductive toxicity suspected of damaging the u	nbor	n child.	
<u>c</u>	components:			
	losantel:			
E	ffects on fetal development			generation reproduction toxicity study
			Species: Rat	Indection
			Application Route Result: negative	ingestion
			Result. negative	
Α	Ibendazole Sulfoxide:			
E	ffects on fertility	:	Test Type: Fertility	/
			Species: Rat	
			Application Route	
				30 mg/kg body weight
			Result: No effects	on lentinty.
E	ffects on fetal development	:	Test Type: Develo	ppment
			Species: Rat	
			Application Route	
				oxicity: LOAEL: 10 mg/kg body weight
			Result. Emplyoto	kic effects., Skeletal malformations.
			Test Type: Develo	ppment
			Species: Rabbit	
			Application Route	
				oxicity: LOAEL: 30 mg/kg body weight kic effects., Skeletal malformations.,
			Maternal toxicity of	
			maternal toxicity t	



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			Result: Effects or Test Type: Devel	e: Oral oxicity: NOAEL: 5.8 mg/kg body weight n postnatal development.
				oxicity: LOAEL: 7 mg/kg body weight ixic effects and adverse effects on the
Repro	oductive toxicity - As- nent	:	Suspected of dar	naging the unborn child.
	-single exposure			
-	cause damage to organ ponents:	s (G	astrointestinal trac	t, Central nervous system) if swallowed.
	ndazole Sulfoxide:			
Route Targe	es of exposure et Organs ssment	-	Oral Gastrointestinal t May cause dama	ract, Central nervous system ge to organs.
STO	F -repeated exposure			
	cause damage to organ through prolonged or r			t, Central nervous system, Immune system, vallowed.
Com	ponents:			
Alber	ndazole Sulfoxide:			
	es of exposure et Organs	:	Oral Gastrointestinal t	ract, Central nervous system, Immune sys-

Target Organs	:	Gastrointestinal tract, Central nervous system, Immune system, Liver
Target Organs Assessment	:	May cause damage to organs through prolonged or repeated exposure.

Repeated dose toxicity

Components:

Albendazole Sulfoxide:

Species LOAEL Application Route Exposure time Target Organs Symptoms		Rat 168 mg/kg Oral 4 Weeks Gastrointestinal tract, Testis Diarrhea, Vomiting
Species LOAEL Application Route	:	Dog 48 mg/kg Oral

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Expos	sure time	: 4 Weeks	
	t Organs		estinal tract
Symp	toms	: Diarrhea,	
		. Diamica,	
Specie LOAE		: Mouse	
		: 40 mg/kg : Oral	
	ation Route	: 3 Months	
	t Organs	: Blood, Liv	or Noco
Symp			gic effects, Liver effects
Symp	loms	. Hematolo	gic effects, Liver effects
Specie		: Rat	
LOAE		: >= 30 mg	′kg
	ation Route	: Oral	
	sure time	: 6 Months	
	t Organs	: Blood	
Symp	toms	: Hematolo	gic effects
Specie	es	: Dog	
LOAE	L	: 40 mg/kg	
	ation Route	: Oral	
	sure time	: 6 Months	
	t Organs	: Blood, Liv	
Symp	toms	: Hematolo	gic effects, Liver effects
Specie	es	: Rat	
NOAE		: 7 mg/kg	
Applic	ation Route	: Oral	
	sure time	: 60 d	
		: Liver, Tes	tis
Targe	t Organs	. בוויטו, וטט	
Targe Symp			cts, male reproductive effects
Symp	toms		cts, male reproductive effects
Sympt Aspira	toms ation toxicity	: Liver effe	
Sympt Aspira	toms	: Liver effe	
Sympt Aspira Not cla	toms ation toxicity	: Liver effer	
Sympt Aspira Not cla Exper	toms ation toxicity assified based on ava	: Liver effer	
Sympt Aspira Not cla Exper	toms ation toxicity assified based on ava rience with human e ponents:	: Liver effer	
Sympt Aspira Not cla Exper <u>Comp</u> Alben	toms ation toxicity assified based on ava rience with human e	: Liver effeo ailable information	I.
Sympt Aspira Not cla Exper <u>Comp</u> Alben	toms ation toxicity assified based on ava rience with human e ponents: adazole Sulfoxide:	: Liver effer ailable information exposure : Symptom	I.
Sympi Aspira Not cla Exper Comp Alben Gener	toms ation toxicity assified based on ava rience with human e ponents: adazole Sulfoxide:	: Liver effer ailable information xposure : Symptom turbance,	s: Allergic reactions, hair loss, Gastrointestinal dis
Sympi Aspira Not cla Exper Comp Alben Gener	toms ation toxicity assified based on ava rience with human e ponents: adazole Sulfoxide: ral Information	 : Liver effer ailable information exposure : Symptom turbance, : Target Or 	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness
Sympi Aspira Not cla Exper Comp Alben Gener Skin c	toms ation toxicity assified based on aver rience with human e <u>ponents:</u> adazole Sulfoxide: ral Information contact	 : Liver effer ailable information exposure : Symptom turbance, : Target Or Symptom Remarks: 	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness gans: Skin s: Allergic reactions May cause sensitization by skin contact.
Sympi Aspira Not cla Exper <u>Comp</u> Alben Gener	toms ation toxicity assified based on aver rience with human e <u>ponents:</u> adazole Sulfoxide: ral Information contact	: Liver effer ailable information exposure : Symptom turbance, : Target Or Symptom Remarks: : Target Or	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness gans: Skin s: Allergic reactions May cause sensitization by skin contact. gans: Gastrointestinal tract
Sympi Aspira Not cla Exper Comp Alben Gener Skin c	toms ation toxicity assified based on aver rience with human e <u>ponents:</u> adazole Sulfoxide: ral Information contact	: Liver effer ailable information exposure : Symptom turbance, : Target Or Symptom Remarks: : Target Or	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness gans: Skin s: Allergic reactions May cause sensitization by skin contact.
Sympi Aspira Not cla Exper Comp Alben Gener Skin c	toms ation toxicity assified based on aver rience with human e <u>ponents:</u> adazole Sulfoxide: ral Information contact	: Liver effer ailable information exposure : Symptom turbance, : Target Or Symptom Remarks: : Target Or	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness gans: Skin s: Allergic reactions May cause sensitization by skin contact. gans: Gastrointestinal tract
Sympi Aspira Not cla Exper Comp Alben Gener Skin c	toms ation toxicity assified based on aver rience with human e <u>ponents:</u> adazole Sulfoxide: ral Information contact	 : Liver effer ailable information exposure : Symptom turbance, : Target Or Symptom Remarks: : Target Or Symptom pain 	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness gans: Skin s: Allergic reactions May cause sensitization by skin contact. gans: Gastrointestinal tract
Sympi Aspira Not cla Exper Comp Alben Gener Skin c	toms ation toxicity assified based on aver rience with human e <u>ponents:</u> adazole Sulfoxide: ral Information contact	 : Liver effer ailable information exposure : Symptom turbance, : Target Or Symptom Remarks: : Target Or Symptom pain Target Or Symptom 	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness gans: Skin s: Allergic reactions May cause sensitization by skin contact. gans: Gastrointestinal tract s: Gastrointestinal disturbance, Diarrhea, Abdomin gans: Central nervous system s: Headache, Dizziness
Sympi Aspira Not cla Exper Comp Alben Gener Skin c	toms ation toxicity assified based on aver rience with human e <u>ponents:</u> adazole Sulfoxide: ral Information contact	 : Liver effer ailable information exposure : Symptom turbance, : Target Or Symptom Remarks: : Target Or Symptom pain Target Or Symptom pain Target Or Symptom Target Or 	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness gans: Skin s: Allergic reactions May cause sensitization by skin contact. gans: Gastrointestinal tract s: Gastrointestinal disturbance, Diarrhea, Abdomin gans: Central nervous system s: Headache, Dizziness gans: Liver
Sympi Aspira Not cla Exper Comp Alben Gener Skin c	toms ation toxicity assified based on aver rience with human e <u>ponents:</u> adazole Sulfoxide: ral Information contact	 : Liver effer ailable information exposure : Symptom turbance, : Target Or Symptom Remarks: : Target Or Symptom pain Target Or Symptom pain Target Or Symptom Target Or Symptom 	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness gans: Skin s: Allergic reactions May cause sensitization by skin contact. gans: Gastrointestinal tract s: Gastrointestinal disturbance, Diarrhea, Abdomin gans: Central nervous system s: Headache, Dizziness gans: Liver s: liver function change
Sympi Aspira Not cla Exper Comp Alben Gener Skin c	toms ation toxicity assified based on aver rience with human e <u>ponents:</u> adazole Sulfoxide: ral Information contact	 : Liver effer ailable information exposure : Symptom turbance, : Target Or Symptom Remarks: : Target Or Symptom pain Target Or Symptom Target Or Symptom Target Or Symptom Target Or 	s: Allergic reactions, hair loss, Gastrointestinal dis Headache, Dizziness gans: Skin s: Allergic reactions May cause sensitization by skin contact. gans: Gastrointestinal tract s: Gastrointestinal disturbance, Diarrhea, Abdomin gans: Central nervous system s: Headache, Dizziness gans: Liver



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CTION	12. ECOLOGICAL INFO	ORN	IATION		
Ecoto	oxicity				
<u>Com</u>	oonents:				
Closa	antel:				
Toxic	ity to fish	:	mg/l Exposure time: 9 Method: OECD	nchus mykiss (rainbow trout)): > 0.01 - 0.1 96 h Test Guideline 203 d on data from similar materials	
Alber	ndazole Sulfoxide:				
Toxic	ity to fish	:	EC50 (Brachyda Exposure time:	anio rerio (zebrafish)): 0.042 mg/l 144 hrs	
	ity to daphnia and other ic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.068 mg/l Exposure time: 48 h Method: OECD Test Guideline 202		
Toxic plants	ity to algae/aquatic	:	EC50 (Raphidocelis subcapitata (freshwater green alga)): 0.024 mg/l Exposure time: 72 h Method: OECD Test Guideline 201		
	stence and degradabil ata available	ity			
	ccumulative potential				
	ponents:				
	ion coefficient: n- ol/water	:	log Pow: > 4 Remarks: Exper	t judgment	
Alber	ndazole Sulfoxide:				
	ion coefficient: n- ol/water	:	log Pow: 1.27 pH: 7		
	l ity in soil ata available				
	r adverse effects ata available				

Disposal methods

- Waste from residues
- : Do not dispose of waste into sewer.



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Co	ontaminated packaging	 Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product. 		
SECTI	ON 14. TRANSPORT INFO	RMATION		
In	ternational Regulations			
U	NRTDG N number oper shipping name	 : UN 3082 : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Closantel, Albendazole Sulfoxide) 		
Pa La	ass acking group ibels ivironmentally hazardous	: 9 : III : 9 : yes		
U	TA-DGR N/ID No. oper shipping name	 : UN 3082 : Environmentally hazardous substance, liquid, n.o.s. (Closantel, Albendazole Sulfoxide) 		
Pa La Pa air	ass acking group ibels acking instruction (cargo rcraft) acking instruction (passen-	: 9 : III : Miscellaneous : 964 : 964		
ge	er aircraft) nvironmentally hazardous	: yes		
U	I DG-Code N number oper shipping name	 : UN 3082 : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Closantel, Albendazole Sulfoxide) 		
Pa La Er	ass acking group ibels nS Code arine pollutant	: 9 : III : 9 : F-A, S-F : yes		
	ansport in bulk according	to Annex II of MARPOL 73/78 and the IBC Code		
	omestic regulation			
U	DM-002-SCT N number oper shipping name	 : UN 3082 : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. 		
Pa	ass acking group ibels	 (Closantel, Albendazole Sulfoxide) 9 111 9 		



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Special precautions for user

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

SECTION 15. REGULATORY INFORMATION

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

Federal Law for the control of chemical precursors, : Not applicable essential chemical products and machinery for producing capsules, tablets and pills.

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

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

SECTION 16. OTHER INFORMATION

Revision Date	:	06.07.2024
Date format	:	dd.mm.yyyy

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals: ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory 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,



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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

Sources of key data used to	:	Internal technical data, data from raw material SDSs, OECD
compile the Material Safety		eChem Portal search results and European Chemicals Agen-
Data Sheet		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.

The information is considered as correct, but not exhaustive, and will be used only as a guide, which is based in the current knowledge of the substance or mixture, and is applicable to proper safety precautions for the product.

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