

Hazard statements

Precautionary statements



Fenbendazole (2.50%) Liquid Formulation

Vers 3.0	sion	Revision Date: 06.07.2024	-	S Number: 346400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022			
Section 1: Identification								
	Product identifier		:	Fenbendazole (2	.50%) Liquid Formulation			
	Other means of identifica- tion			COOPERS PANACUR 25 ORAL ANTHELMINTIC FOR SHEEP CATTLE AND GOATS (37097)				
	Recom	mended use of the ch	nem	ical and restriction	ons on use			
		mended use tions on use	:	Veterinary produ Not applicable	ct			
	Manufa Compa	acturer or supplier's d	etai					
	•		·	MSD				
	Address		:	50 Tuas West Drive Singapore - Singapore 638408				
Telephone		:	+1-908-740-4000					
	Emergency telephone number		:	65 6697 2111 (24/7/365)				
	E-mail	address	:	EHSDATASTEWARD@msd.com				
Sec	tion 2: I	Hazard identification						
	Classif	fication of the substar	nce	or mixture				
	Short-te hazard	erm (acute) aquatic	:	Category 1				
	Long-te hazard	erm (chronic) aquatic	:	Category 1				
GHS Label elements, includir			ng	precautionary sta	atements			
		pictograms		¥2				
	Signal	word	:	Warning				

Prevention:

Response:

:

: H410 Very toxic to aquatic life with long lasting effects.

P273 Avoid release to the environment.





Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.0	06.07.2024	10846400-00006	Date of first issue: 06.09.2022

P391 Collect spillage.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification None known.

Section 3: Composition/information on ingredients

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
fenbendazole	43210-67-9	>= 2.5 -< 3
Benzyl alcohol	100-51-6	>= 0.1 -< 1

Section 4: First-aid measures

Description of necessary 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. 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 :							
Most important symptoms and	l effects, both acute and delayed						
Risks : Protection of first-aiders :	None known. 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).						
Indication of any immediate medical attention and special treatment needed							
Treatment :	Treat symptomatically and supportively.						



Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.0	06.07.2024	10846400-00006	Date of first issue: 06.09.2022

Section 5: Fire-fighting measures

Extinguishing media		
Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Special hazards arising fron	n th	e substance or mixture
Specific hazards during fire- fighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Nitrogen oxides (NOx) Sulphur oxides Metal oxides
Special protective actions for	or fi	ire-fighters
Special protective equipment	:	In the event of fire, wear self-contained breathing apparatus,

Special protective equipment for firefighters Specific extinguishing meth- ods	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
---	---	---

Section 6: Accidental release measures

Personal precautions, protective ec Personal precautions :	Juipment and emergency procedures Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).
Environmental precautions	
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 containn	nent and cleaning up
Methods for cleaning up :	

bent.

be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absor-





ersion .0	Revision Date: 06.07.2024	SDS Numb 10846400-		Date of last issue: 06.04.2024 Date of first issue: 06.09.2022		
		posal o employ mine w Section	Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to deter- mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.			
ection 7:	Handling and stora	ge				
Preca	autions for safe hand	ling				
Techr	nical measures			easures under EXPOSURE ONAL PROTECTION section.		
Local	Total ventilation	: Use on	ly with adeq	uate ventilation.		
	e on safe handling	Do not Avoid c Avoid p Handle practice sessme Take ca environ	swallow. contact with e prolonged or in accordan e, based on t ent are to preven ment.	repeated contact with skin. Ice with good industrial hygiene and safet the results of the workplace exposure as- nt spills, waste and minimize release to th		
Hygie	ne measures	flushing place. When u Wash c The effe enginee approp industri	g systems ar using do not contaminated ective opera ering control riate degowr	nical is likely during typical use, provide ey and safety showers close to the working eat, drink or smoke. d clothing before re-use. tion of a facility should include review of s, proper personal protective equipment, ning and decontamination procedures, monitoring, medical surveillance and the re controls.		
Cond	itions for safe stora	je, including a	any incomp	atibilities		
	itions for safe storage	: Keep in	n properly lat	pelled containers. e with the particular national regulations.		
Mater	ials to avoid		store with th	e following product types:		

Section 8: Exposure controls/personal protection

Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
fenbendazole	43210-67-9	TWA	100 µg/m3 (OEB	Internal



Version 3.0	Revision Date: 06.07.2024	SDS Number: 10846400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022			
			2)			
Appropriate engineerir control measures		 Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., dripless 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. Laboratory operations do not require special containment. 				
Indiv	idual protection meas	sures, such as per	sonal protective equipment (PPE)			
Eye/face protection		If the work en mists or aero Wear a faces	glasses with side shields or goggles. nvironment or activity involves dusty conditions, pools, wear the appropriate goggles. shield or other full face protection if there is a direct contact to the face with dusts, mists, or			
	protection iratory protection	: If adequate le sure assessr	n or laboratory coat. ocal exhaust ventilation is not available or expo- nent demonstrates exposures outside the rec- guidelines, use respiratory protection.			
Hand	lter type I protection	: Particulates	type			
M	aterial	: Chemical-res	sistant gloves			

Section 9: Physical and chemical properties

Appearance	:	liquid
Colour	:	off-white
Odour	:	No data available
Odour Threshold	:	No data available
рН	:	No data available
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	:	No data available



Version 3.0	Revision Date: 06.07.2024		S Number: 346400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022
flar	nmability limit			
	ver explosion limit / Lower nmability limit	:	No data available)
Va	oour pressure	:	No data available)
Re	ative vapour density	:	No data available)
Re	ative density	:	No data available)
De	nsity	:	No data available)
	ubility(ies) Water solubility	:	No data available)
	tition coefficient: n-	:	Not applicable	
	anol/water o-ignition temperature	:	No data available)
De	composition temperature	:	No data available	9
	cosity Viscosity, kinematic	:	No data available	9
Exp	blosive properties	:	Not explosive	
Oxi	dizing properties	:	The substance o	r mixture is not classified as oxidizing.
Мо	lecular weight	:	No data available	
	ticle characteristics ticle size	:	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	:	None known. Oxidizing agents No hazardous decomposition products are known.

Section 11: Toxicological information

Information on likely routes of	:	Inhalation
exposure		Skin contact
		Ingestion



ersion 0	Revision Date: 06.07.2024		Number: 6400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022
		E	ye contact	
	e toxicity			
_	lassified based on ava ponents:	ailable inf	formation.	
fenbe	endazole:			
Acute	e oral toxicity	: L	D50 (Rat): > 10),000 mg/kg
		L	D50 (Mouse): :	> 10,000 mg/kg
Benz	yl alcohol:			
Acute	e oral toxicity	: L	D50 (Rat): 1,62	20 mg/kg
Acute	e inhalation toxicity	E T	C50 (Rat): > 4. xposure time: est atmospher	4 h
Skin	corrosion/irritation	IV		
Not c <u>Com</u>	lassified based on ava ponents:			
Not c <u>Com</u> fenbe	elassified based on ava ponents: endazole:	ailable inf	formation.	
Not c <u>Com</u>	elassified based on ava ponents: endazole: ies	ailable inf		
Not c Com fenbe Spec Resu	elassified based on ava ponents: endazole: ies	ailable inf	formation. Rabbit	
Not c Com fenbe Speci Resu Benz Speci	elassified based on ava ponents: endazole: ies ilt cyl alcohol: ies	ailable inf : R : N : R	formation. Rabbit lo skin irritation Rabbit	
Not c <u>Com</u> fenbe Speci Resu Benz	elassified based on ava ponents: endazole: ies ilt cyl alcohol: ies od	ailable inf : R : N : R : C	formation. Rabbit Io skin irritation	deline 404
Not c Com fenbe Speci Resu Benz Speci Methe Resu Serio	elassified based on ava ponents: endazole: ies ilt yl alcohol: ies od ilt bus eye damage/eye	ailable inf : R : N : C : N	formation. Rabbit lo skin irritation Rabbit DECD Test Guid lo skin irritation	deline 404
Not c Com fenbe Speci Resu Benz Speci Methe Resu Serio	elassified based on ava ponents: endazole: ies ilt cyl alcohol: ies od ilt	ailable inf : R : N : C : N	formation. Rabbit lo skin irritation Rabbit DECD Test Guid lo skin irritation	deline 404
Not c Com fenbe Speci Resu Benz Speci Methe Resu Serio Not c	elassified based on ava ponents: endazole: ies ilt yl alcohol: ies od ilt bus eye damage/eye	ailable inf : R : N : C : N	formation. Rabbit lo skin irritation Rabbit DECD Test Guid lo skin irritation	deline 404
Not c Com fenbe Speci Resu Benz Speci Methe Resu Serio Not c Com fenbe	elassified based on ava ponents: endazole: ies ilt cyl alcohol: ies od ilt bus eye damage/eye elassified based on ava ponents: endazole:	ailable inf : R : N : C irritation ailable inf	formation. Rabbit lo skin irritation Rabbit DECD Test Guid lo skin irritation	deline 404
Not c Com fenbe Speci Resu Benz Speci Metho Resu Serio Not c <u>Com</u>	elassified based on ava ponents: endazole: ies ilt cyl alcohol: ies od ilt bus eye damage/eye elassified based on ava ponents: endazole: ies	ailable inf : R : N : C : N irritation ailable inf : R	formation. Rabbit lo skin irritation Rabbit DECD Test Guid lo skin irritation	deline 404
Not c Com fenbe Speci Resu Benz Speci Methe Resu Serio Not c Com fenbe Speci Resu	elassified based on ava ponents: endazole: ies ilt cyl alcohol: ies od ilt bus eye damage/eye elassified based on ava ponents: endazole: ies	ailable inf : R : N : C : N irritation ailable inf : R	formation. Rabbit lo skin irritation Rabbit DECD Test Guid lo skin irritation formation.	deline 404
Not c Com fenbe Speci Resu Benz Speci Resu Serio Not c Com fenbe Speci Resu	elassified based on ava ponents: endazole: ies ilt cyl alcohol: ies od ilt bus eye damage/eye ielassified based on ava ponents: endazole: ies ilt cyl alcohol: ies ilt cyl alcohol: ies	ailable inf : R : N : R : C irritation ailable inf : R : N : R	formation. Rabbit lo skin irritation Rabbit DECD Test Guid lo skin irritation formation. Rabbit lo eye irritation	deline 404



vivo

Fenbendazole (2.50%) Liquid Formulation

Version 3.0	Revision Date: 06.07.2024	-	S Number: 846400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022
Respi	ratory or skin sensi	itisatio	n	
	sensitisation assified based on ava	ailable	information.	
-	ratory sensitisation assified based on ava		information.	
<u>Comp</u>	onents:			
Test T	ure routes es d	:	Maximisation Te Skin contact Guinea pig OECD Test Gui negative	
	cell mutagenicity assified based on ava	ailable	information.	
-	onents:			
	ndazole: oxicity in vitro	:	Test Type: Bact Result: negative	erial reverse mutation assay (AMES)
			Test Type: DNA Result: negative	
			Test Type: Chro Result: negative	omosomal aberration
				ouse lymphoma cells ation: Metabolic activation
Benzy	/l alcohol:			
-	oxicity in vitro	:	Test Type: Bact Result: negative	erial reverse mutation assay (AMES)
Genot	oxicity in vivo	:	cytogenetic ass Species: Mouse	e te: Intraperitoneal injection

Carcinogenicity

Not classified based on available information.



Version 3.0	Revision Date: 06.07.2024	SDS Number: 10846400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022
<u>Con</u>	nponents:		
fent	pendazole:		
	lication Route osure time \EL	: Mouse : oral (feed) : 2 Years : 405 mg/kg boo : negative	dy weight
Exp NO/ Res	lication Route osure time \EL	: Rat : Oral : 2 Years : 5 mg/kg body : negative : Lymph nodes,	
Spe App	lication Route osure time hod	: Mouse : Ingestion : 103 weeks : OECD Test G : negative	uideline 451
Not	roductive toxicity classified based on ava	ilable information.	
	nponents:		
	bendazole: cts on fertility	Species: Rat Application Ro General Toxic	ree-generation reproduction toxicity study oute: oral (feed) ity - Parent: NOAEL: 15 mg/kg body weight EL: 45 mg/kg body weight s on fertility
Effe men	cts on foetal develop- t	Result: Embry	female
		Species: Rabb Application Ro	oute: Oral al Toxicity: NOAEL: 25 mg/kg body weight
		Test Type: En Species: Rabl	nbryo-foetal development bit



ersion D	Revision Date: 06.07.2024	SDS Number: 10846400-0000	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022
		Application Developme	Route: Oral ntal Toxicity: LOAEL: 63 mg/kg body weight
		Species: Ra Application Development	
Repro sessn	oductive toxicity - As- nent	fertility, base	nce of adverse effects on sexual function ar ed on animal experiments., Some evidence ects on development, based on animal expe
Benzy	yl alcohol:		
Effect	s on fertility	Species: Ra Application Result: neg	Route: Ingestion
Effect ment	s on foetal develop-	Species: Mo	Route: Ingestion

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Components:

fenbendazole:

Exposure routes	:	Ingestion
Target Organs	:	Liver, Stomach, Nervous system, Lymph nodes
Assessment	:	May cause damage to organs through prolonged or repeated exposure.

Repeated dose toxicity

Components:

fenbendazole:

Species	:	Rat
LÖAEL	:	500 mg/kg
Application Route	:	Oral
Exposure time	:	2 Weeks
Target Organs	:	Kidney, Liver



Versi 3.0	ion	Revision Date: 06.07.2024		DS Number: 0846400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022
	Exposu Remark Species LOAEL Applica Exposu Target Sympto Species NOAEL LOAEL	tion Route tre time s tion Route tre time Organs oms		Rat > 2,500 mg/kg Oral 30 Days No significant adv Rat 1,600 mg/kg Oral 90 Days Central nervous s Tremors Dog 4 mg/kg 8 mg/kg 6 Months	verse effects were reported
		Organs	:		us system, Lymph nodes
		alcohol:			
	Species NOAEL Applica Exposu Method	- tion Route ire time		Rat 1.072 mg/l inhalation (dust/n 28 Days OECD Test Guid	
	-	tion toxicity ssified based on avai	lable	information	
	Compo		labic		
		dazole: iration toxicity classifi	icatic	'n	
	Experie	ence with human ex	pos	ure	
	Compo	onents:			
	fenben Ingestic	dazole: on	:	Symptoms: Rapio	d respiration, Salivation, anorexia, Diarrhoea
Sect	ion 12:	Ecological informa	tion		
	Toxicit	у			
	Compo	onents:			
		dazole:			
	Toxicity	v to fish	:	LC50 (Lepomis n Exposure time: 2	nacrochirus (Bluegill sunfish)): 0.009 mg/l 1 d



ersion .0	Revision Date: 06.07.2024	-	9S Number: 846400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022
	y to daphnia and other c invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
	tor (Acute aquatic tox-	:	100	
	y to daphnia and other c invertebrates (Chron- ity)	:	NOEC (Daphnia r Exposure time: 21 Method: OECD T	
M-Fact toxicity	tor (Chronic aquatic ′)	:	10	
Benzy	l alcohol:			
Toxicit	y to fish	:	LC50 (Pimephale Exposure time: 96	s promelas (fathead minnow)): 460 mg/l 5 h
	y to daphnia and other c invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
Toxicit plants	y to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD To	
			NOEC (Pseudokin mg/l Exposure time: 72 Method: OECD To	
	y to daphnia and other c invertebrates (Chron- tity)	:	NOEC (Daphnia r Exposure time: 21 Method: OECD To	
Persis	tence and degradabili	ty		
Comp	onents:			
Benzy	l alcohol:			
Biodeg	gradability	:	Result: Readily bi Biodegradation: 9 Exposure time: 14	92 - 96 %
Bioaco	cumulative potential			
Comp	onents:			
	n dazole: on coefficient: n- I/water	:	log Pow: 3.32	



rsion	Revision Date: 06.07.2024	SDS Number: 10846400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022
Partiti	yl alcohol: on coefficient: n- ol/water	: log Pow: 1.05	
Mobil	ity in soil		
Comp	oonents:		
	ndazole:		
	oution among environ- al compartments	: log Koc: 3.8 - 4 Method: FDA 3	
Other	adverse effects		
No da	ta available		
ction 13	3: Disposal considerat	ions	
•	e from residues	· Do not disposo	of waste into sewer.
vvasie	e nom residues		ccordance with local regulations.
Conta	minated packaging	: Empty contained dling site for re-	ers should be taken to an approved waste han cycling or disposal. e specified: Dispose of as unused product.
	minated packaging 4: Transport informatic	: Empty contained dling site for real If not otherwise	ers should be taken to an approved waste han cycling or disposal.
ction 14	4: Transport informatio	: Empty contained dling site for real If not otherwise	ers should be taken to an approved waste han cycling or disposal.
ction 14		: Empty contained dling site for real If not otherwise	ers should be taken to an approved waste han cycling or disposal.
ction 14 Intern UNRT	4: Transport information national Regulations	: Empty contained dling site for real If not otherwise	ers should be taken to an approved waste han cycling or disposal.
ction 14 Intern UNRT UN nu	4: Transport informationational Regulations	 Empty contained dling site for reading site for site	ers should be taken to an approved waste han cycling or disposal. e specified: Dispose of as unused product.
ction 14 Intern UNRT UN nu UN pr Trans	4: Transport information national Regulations TDG umber oper shipping name port hazard class(es)	 Empty contained dling site for reading site for site for	ers should be taken to an approved waste han cycling or disposal. e specified: Dispose of as unused product.
ction 14 Intern UNRT UN nu UN pr Trans Packin	4: Transport information national Regulations TDG umber oper shipping name port hazard class(es) ng group	 Empty contained dling site for reading site for site for	ers should be taken to an approved waste han cycling or disposal. e specified: Dispose of as unused product.
ction 14 Intern UNRT UN nu UN pr Trans Packin Labels	4: Transport information national Regulations TDG umber oper shipping name port hazard class(es) ng group	 Empty contained dling site for reading site for site for	ers should be taken to an approved waste han cycling or disposal. e specified: Dispose of as unused product.
ction 14 Intern UNRT UN nu UN pr Trans Packin Labels	4: Transport information national Regulations TDG umber oper shipping name port hazard class(es) ng group s onmental hazards	 Empty contained dling site for realing site for	ers should be taken to an approved waste han cycling or disposal. e specified: Dispose of as unused product.
ction 14 Intern UNRT UN nu UN nu UN pr Trans Packin Labels Enviro IATA- UN/ID	4: Transport information ational Regulations TDG umber oper shipping name port hazard class(es) ng group s onmental hazards DGR No.	 Empty contained dling site for realing site for	ers should be taken to an approved waste han cycling or disposal. e specified: Dispose of as unused product.
ction 14 Intern UNRT UN nu UN nu UN pr Trans Packin Labels Enviro IATA- UN/ID	4: Transport information ational Regulations TDG umber oper shipping name port hazard class(es) ng group s onmental hazards DGR	 Empty contained dling site for real of not otherwise UN 3082 ENVIRONMEN N.O.S. (fenbendazole) 9 III 9 yes UN 3082 Environmentall 	y hazardous substance, liquid, n.o.s.
ction 14 Intern UNRT UN nu UN pr Trans Packin Labels Enviro IATA- UN/ID UN pr Trans	4: Transport information ational Regulations TDG umber oper shipping name port hazard class(es) ng group s onmental hazards DGR 0 No. oper shipping name port hazard class(es)	 Empty contained dling site for real of not otherwise If not otherwise UN 3082 ENVIRONMEN N.O.S. (fenbendazole 9 III 9 yes UN 3082 Environmentall (fenbendazole 9 9 	y hazardous substance, liquid, n.o.s.
ction 14 Intern UNRT UN nu UN pr Trans Packin Labels Enviro IATA- UN/ID UN pr Trans Packin	4: Transport information ational Regulations TDG umber oper shipping name port hazard class(es) ng group s onmental hazards DGR 0 No. oper shipping name port hazard class(es) ng group	 Empty contained dling site for reading site for several site for several site site site site site site site site	y hazardous substance, liquid, n.o.s.
ction 14 Intern UNRT UN nu UN nu UN nu UN pr Trans Packin Labels Enviro IATA- UN/ID UN pr Trans Packin Labels Packin	4: Transport information national Regulations TDG umber oper shipping name port hazard class(es) ng group s onmental hazards DGR 0 No. oper shipping name port hazard class(es) ng group s ng group s ng group s ng group s ng group s ng group s ng group s ng group s	 Empty contained dling site for real of not otherwise If not otherwise UN 3082 ENVIRONMEN N.O.S. (fenbendazole 9 III 9 yes UN 3082 Environmentall (fenbendazole 9 9 	y hazardous substance, liquid, n.o.s.
ction 14 Intern UNRT UN nu UN nu UN nu UN nu Trans Packin Labels Packin Labels Packin aircrat Packin	4: Transport information ational Regulations TDG umber oper shipping name port hazard class(es) ng group sommental hazards -DGR o No. oper shipping name port hazard class(es) ng group somg instruction (cargo ft) ng instruction (passen-	 Empty contained dling site for reading site for sevent sevents and sevent sevents and sevent se	y hazardous substance, liquid, n.o.s.
ction 14 Intern UNRT UN nu UN nu UN pr Trans Packin Labels Packin Labels Packin aircra Packin ger ai	4: Transport information ational Regulations TDG umber oper shipping name port hazard class(es) ng group sommental hazards -DGR o No. oper shipping name port hazard class(es) ng group somg instruction (cargo ft) ng instruction (passen-	 Empty contained dling site for reading site for seven seven	y hazardous substance, liquid, n.o.s.



Version 3.0	Revision Date: 06.07.2024		DS Number:)846400-00006	Date of last issue: 06.04.2024 Date of first issue: 06.09.2022
••••	number ber shipping name	:	UN 3082 ENVIRONMENT N.O.S. (fenbendazole)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
Tran	sport hazard class(es)	:	9	
	king group	:	111	
Labe		:	9	

F-A, S-F

yes

Transport in bulk according to IMO instruments

Not applicable for product as supplied.

Special precautions for user

EmS Code

Marine pollutant

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 specific for the product in question

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

Environmental Protection and Management Act and : Not applicable Environmental Protection and Management (Hazardous Substances) Regulations

Fire Safety (Petroleum and Flammable Materials) : Not applicable Regulations

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

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



Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.0	06.07.2024	10846400-00006	Date of first issue: 06.09.2022

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, 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.

SG / EN