according to the OSHA Hazard Communication Standard



## Fenbendazole (10%) Liquid Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 09/30/2023
2.0	02/23/2024	3572223-00016	Date of first issue: 10/24/2018

### **SECTION 1. IDENTIFICATION**

Product name Other means of identification		Fenbendazole (10%) Liquid Formulation COOPERS PANACUR 100 ORAL ANTHELMINTIC FOR CATTLE AND HORSES (37088)		
Manufacturer or supplier's o	deta	ills		
Company name of supplier	:	Merck & Co., Inc		
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@merck.com		
Recommended use of the chemical and restrictions on use				
Recommended use	:	Veterinary product		

Recommended use	•	veterinary product
Restrictions on use	:	Not applicable

### **SECTION 2. HAZARDS IDENTIFICATION**

GHS classification in accordant 1910.1200)	nce with the OSHA Hazard Communication Standard (29 CFR	ł

Reproductive toxicity	÷	Category 2
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Liver, Stomach, Nervous system, Lymph nodes)

<b>GHS</b> label elements
Hazard pictograms



2

Signal Word	:	Warning
Hazard Statements	:	H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H373 May cause damage to organs (Liver, Stomach, Nervous system, Lymph nodes) through prolonged or repeated exposure if swallowed.
Precautionary Statements	:	<ul> <li>Prevention:</li> <li>P201 Obtain special instructions before use.</li> <li>P202 Do not handle until all safety precautions have been read and understood.</li> <li>P260 Do not breathe mist or vapors.</li> <li>P280 Wear protective gloves, protective clothing, eye protection and face protection.</li> </ul>
		Response

Response:

P308 + P313 IF exposed or concerned: Get medical attention.

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### Storage:

P405 Store locked up.

### Disposal:

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

### Other hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance /	Mixture	:	Mixture	
Substance /	wixture		IVIIXIUIE	,

#### Components

Chemical name	CAS-No.	Concentration (% w/w)		
fenbendazole	43210-67-9	>= 10 - < 20		
Silicon dioxide	7631-86-9	>= 1 - < 5		
Benzyl alcohol	100-51-6	>= 0.1 - < 1		
A stand second				

Actual concentration is withheld as a trade secret

### **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. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	:	Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure if swallowed.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
Notes to physician	:	Treat symptomatically and supportively.

### **SECTION 5. FIRE-FIGHTING MEASURES**

according to the OSHA Hazard Communication Standard



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Suitable extinguishing media		:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical			
	isuita edia	able extinguishing	:	None known.		
	ecifi hting	c hazards during fire I	:	Exposure to combustion products may be a hazard to health.		
	Hazardous combustion prod- ucts		:	Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Metal oxides		
Sp od		c extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do	
		l protective equipment fighters	:	In the event of fire	e, wear self-contained breathing apparatus. rective equipment.	
SECTIO	ON 6	. ACCIDENTAL RELE	AS	E MEASURES		
tiv	e eq	al precautions, protec- uipment and emer- procedures	:		ective equipment. ing advice (see section 7) and personal ent 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 diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. 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

### SECTION 7. HANDLING AND STORAGE

Technical measures : See Engineering measures under EXPOSURE

certain local or national requirements.



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	Total ventilation e on safe handling	<ul> <li>Use only with ac</li> <li>Do not breather</li> <li>Do not swallow.</li> <li>Avoid contact w</li> <li>Avoid prolonged</li> <li>Handle in accorr</li> <li>practice, based</li> <li>assessment</li> </ul>	
Condi	tions for safe storage	: Keep in properly Store locked up	
Mater	ials to avoid		ance with the particular national regulations. h the following product types: agents

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
fenbendazole	43210-67-9	TWA	100 μg/m3 (OEB 2)	Internal
Silicon dioxide	7631-86-9	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
		TWA	6 mg/m³ (Silica)	NIOSH REL
Benzyl alcohol	100-51-6	TWA	10 ppm	US WEEL

#### Ingredients with workplace control parameters

Engineering 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.

### Personal protective equipment

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided

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		hazardous che supplied respi release, expos	g respirators against exposure to any emical is limited. Use a positive pressure air rator if there is any potential for uncontrolled sure levels are unknown, or any other where air purifying respirators may not provide ection.
	protection aterial	: Chemical-resis	stant gloves
	protection	: Wear safety g If the work env mists or aeros Wear a facesh	lasses with side shields or goggles. vironment or activity involves dusty conditions, ols, wear the appropriate goggles. hield or other full face protection if there is a rect contact to the face with dusts, mists, or
	and body protection ne measures	: If exposure to eye flushing sy working place. When using de Wash contami The effective of engineering co appropriate de industrial hygio	or laboratory coat. chemical is likely during typical use, provide ystems and safety showers close to the o not eat, drink or smoke. inated clothing before re-use. operation of a facility should include review of ontrols, proper personal protective equipment, egowning and decontamination procedures, ene monitoring, medical surveillance and the strative controls.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	suspension
Color	:	white
Odor	:	characteristic
Odor Threshold	:	No data available
рН	:	6 - 7
Melting point/freezing point	:	< 36 °F / < 2 °C
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



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Lower explosion limit / Lower flammability limit	: No data available	
Vapor pressure	: No data available	
Relative vapor density	: No data available	
Relative density	: No data available	
Density	: 1.062 - 1.072 g/cm <sup>3</sup>	
Solubility(ies) Water solubility	: soluble	
Partition coefficient: n- octanol/water	: Not applicable	
Autoignition temperature	: No data available	
Decomposition temperature	: No data available	
Viscosity Viscosity, dynamic	: 100 - 300 mPa.s	
Viscosity, kinematic	: No data available	
Explosive properties	: Not explosive	
Oxidizing properties	: The substance or mixture is not classified as oxidizing.	
Molecular weight	: No data available	
Particle size	: Not applicable	

### SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac-	:	Not classified as a reactivity hazard. Stable under normal conditions. Can react with strong oxidizing agents.
tions		
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products		No hazardous decomposition products are known.

### SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Inhalation Skin contact

according to the OSHA Hazard Communication Standard



ersion )	Revision Date: 02/23/2024	SDS Number: 3572223-00016	Date of last issue: 09/30/2023 Date of first issue: 10/24/2018
Ingest Eve c	tion ontact		
•	e toxicity		
	assified based on av	ailable information.	
Comp	oonents:		
fenbe	ndazole:		
	oral toxicity	: LD50 (Rat): >	10.000 ma/ka
			): > 10,000 mg/kg
Silico	n dioxide:		
	oral toxicity	: LD50 (Rat): > Method: OEC	5,000 mg/kg D Test Guideline 401
Acute	inhalation toxicity	: LC50 (Rat): > Exposure time Test atmosph Assessment: tion toxicity	e: 4 h
Acute	dermal toxicity	: LD50 (Rabbit)	: > 5,000 mg/kg
Benzy	yl alcohol:		
Acute	oral toxicity	: LD50 (Rat): 1	,620 mg/kg
Acute	inhalation toxicity	: LC50 (Rat): > Exposure time Test atmosph Method: OEC	e: 4 h
	corrosion/irritation		
	assified based on av <b>ponents:</b>	ailable information.	
	ndazole:		
Speci Resul	es	: Rabbit : No skin irritati	on
Silico	n dioxide:		
Speci		: Rabbit	
Metho Resul		: OECD Test G : No skin irritati	
Benzy	yl alcohol:		
		: Rabbit	
Speci			uideline 404

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#### Serious eye damage/eye irritation

Not classified based on available information.

### **Components:**

#### fenbendazole:

Species Result	:	Rabbit
Result	:	No eye irritation

#### Silicon dioxide:

Species	:	Rabbit
R <sup>'</sup> esult Method	:	No eye irritation
Method	:	OECD Test Guideline 405

#### **Benzyl alcohol:**

Species Result Method	:	Rabbit
Result	:	Irritation to eyes, reversing within 21 days
Method	:	OECD Test Guideline 405

### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### **Respiratory sensitization**

Not classified based on available information.

### Components:

#### **Benzyl alcohol:**

Test Type	: Maximization Test
Routes of exposure	: Skin contact
Species	: Guinea pig
Method	: OECD Test Guideline 406
Test Type Routes of exposure Species Method Result	: negative

### Germ cell mutagenicity

Not classified based on available information.

#### **Components:**

#### fenbendazole:

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
		Test Type: DNA Repair Result: negative
		Test Type: Chromosomal aberration Result: negative

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		•	mouse lymphoma cells ivation: Metabolic activation	
Silic	on dioxide:			
Geno	otoxicity in vitro		acterial reverse mutation assay (AMES) CD Test Guideline 471 ive	
Gend	otoxicity in vivo	cytogenetic to Species: Rat	utagenicity (in vivo mammalian bone-marrow est, chromosomal analysis) oute: Ingestion ive	
 Benz	yl alcohol:			
	otoxicity in vitro	: Test Type: Back Result: negation	acterial reverse mutation assay (AMES) ive	
Gend	otoxicity in vivo	cytogenetic a Species: Mou	use oute: Intraperitoneal injection	
	<b>inogenicity</b> classified based on ava	ilable information		
	ponents:			
Spec Appli	cation Route sure time EL	: Mouse : oral (feed) : 2 Years : 405 mg/kg bo : negative	ody weight	
Expo NOA Resu	cation Route sure time EL	: negative	: Oral : 2 Years : 5 mg/kg body weight	
Silic	on dioxide:			
Spec Appli	ies cation Route sure time	: Rat : Ingestion : 103 weeks : negative		

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Version 2.0	Revision 02/23/20			S Number: 2223-00016	Date of last issue: 09/30/2023 Date of first issue: 10/24/2018		
Benzy	/l alcohol:						
Species Application Route Exposure time Method Result		: : :	<ul> <li>Mouse</li> <li>Ingestion</li> <li>103 weeks</li> <li>OECD Test Guideline 451</li> <li>negative</li> </ul>				
IARC		•			at levels greater than or equal to 0.1% is onfirmed human carcinogen by IARC.		
OSHA				his product preser egulated carcinog	nt at levels greater than or equal to 0.1% is ens.		
NTP					at levels greater than or equal to 0.1% is carcinogen by NTP.		
-	<b>ductive to</b> cted of dar	•	. Sı	uspected of damag	jing the unborn child.		
<u>Comp</u>	onents:						
	ndazole: s on fertility	,		Species: Rat Application Route General Toxicity F	Parent: NOAEL: 15 mg/kg body weight 95 mg/kg body weight		
Effects	s on fetal d	evelopment	:	Result: Embryotox	nale		
				Species: Rabbit Application Route	xicity: NOAEL: 25 mg/kg body weight		
				Species: Rabbit Application Route	o-fetal development : Oral oxicity: LOAEL: 63 mg/kg body weight		
				Species: Rat Application Route Developmental To	o-fetal development : Oral oxicity: NOAEL: 120 mg/kg body weight on fetal development.		

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Reproductive toxicity - As- sessment		:	fertility, based on	f adverse effects on sexual function and animal experiments., Some evidence of n development, based on animal
Silico	n dioxide:			
Effects	on fetal development	:	Test Type: Embry Species: Rat Application Route Result: negative	vo-fetal development :: Ingestion
Benzy	l alcohol:			
Effects	s on fertility	:	Species: Rat Application Route Result: negative	y/early embryonic development :: Ingestion on data from similar materials
Effects	s on fetal development	:	Test Type: Embry Species: Mouse Application Route Result: negative	vo-fetal development :: Ingestion
II STOT.	single exposure			

### STOT-single exposure

Not classified based on available information.

### STOT-repeated exposure

May cause damage to organs (Liver, Stomach, Nervous system, Lymph nodes) through prolonged or repeated exposure if swallowed.

### Components:

### fenbendazole:

Routes of exposure	:	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 LOAEL Application Route Exposure time Target Organs	: Rat : 500 mg/kg : Oral : 2 Weeks
Species NOAEL Application Route	: Kidney, Liver : Rat : > 2,500 mg/kg : Oral

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Expos Rema	sure time rks	: 30 Days : No significant ad	verse effects were reported
Expos	L ation Route sure time t Organs	: Rat : 1,600 mg/kg : Oral : 90 Days : Central nervous s : Tremors	system
	E	: Dog : 4 mg/kg : 8 mg/kg : 6 Months : Stomach, Nervou	ıs system, Lymph nodes
Specie NOAE Applic		: Rat : 1.3 mg/m <sup>3</sup> : inhalation (dust/n : 13 Weeks	nist/fume)
Specie NOAE Applic	L ation Route ure time	: Rat : 1.072 mg/l : inhalation (dust/n : 28 Days : OECD Test Guid	
-	ation toxicity assified based on avail	able information.	
fenbe	ponents: ndazole: piration toxicity classifi	cation	
Exper	ience with human ex	oosure	
	oonents: ndazole:		
Ingest		: Symptoms: Rapio	d respiration, Salivation, anorexia, Diarrhea
SECTION	12. ECOLOGICAL INF	ORMATION	
Ecoto	xicity		
Comp	onents:		
	<b>ndazole:</b> ty to fish	: LC50 (Lepomis n	nacrochirus (Bluegill sunfish)): 0.009 mg/l



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				Exposure time: 21	d
		to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
a	Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity)		:	NOEC (Daphnia n Exposure time: 21 Method: OECD Te	
S S	Silicon	dioxide:			
		to fish	:	LC50 (Danio rerio Exposure time: 96 Method: OECD Te	
		to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 24 Method: OECD Te	
	oxicity lants	to algae/aquatic	:	mg/l Exposure time: 72 Method: OECD Te	
				mg/l Exposure time: 72 Method: OECD Te	
B	Benzvl	alcohol:			
	-	to fish	:	LC50 (Pimephales Exposure time: 96	s promelas (fathead minnow)): 460 mg/l i h
		to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
	oxicity lants	to algae/aquatic	:	EC50 (Pseudokirc mg/l Exposure time: 72 Method: OECD Te	
				NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
a		to daphnia and other invertebrates (Chron- ty)	:	NOEC (Daphnia n Exposure time: 21 Method: OECD Te	

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 Persi	istence and degradabil	ity		
Com	ponents:			
Benz	yl alcohol:			
Biode	egradability	:	Result: Readily bi Biodegradation: 9 Exposure time: 14	92 - 96 %
Bioa	ccumulative potential			
<u>Com</u>	ponents:			
fenbe	endazole:			
	ion coefficient: n- ol/water	:	log Pow: 3.32	
Benz	yl alcohol:			
	ion coefficient: n- ol/water	:	log Pow: 1.05	
Mobi	lity in soil			
Com	ponents:			
fenbe	endazole:			
	bution among environ- al compartments	:	log Koc: 3.8 - 4.7 Method: FDA 3.08	3
	<b>r adverse effects</b> ata available			
SECTION	13. DISPOSAL CONSI	DEF	RATIONS	
Dian	acal mathada			

# Disposal methods Waste from residues : Dispose of in accordance with local regulations. Do not dispose of waste into sewer. Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

#### **SECTION 14. TRANSPORT INFORMATION**

#### International Regulations

<b>UNRTDG</b> UN number Proper shipping name	:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (fenbendazole)
Class	:	9
Packing group	:	III

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Lab Env	els ironmentally hazardous	:	9 yes	
UN/	<b>A-DGR</b> ID No. ber shipping name	:	UN 3082 Environmentally h (fenbendazole) 9	nazardous substance, liquid, n.o.s.
	king group	:	III	
Lab Pac airci	king instruction (cargo	:	Miscellaneous 964	
Pac	king instruction (passen- aircraft)	:	964	
	ironmentally hazardous	:	yes	
UN	<b>G-Code</b> number per shipping name	:	UN 3082 ENVIRONMENTA N.O.S. (fenbendazole)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
Lab Em	king group	:	9 III 9 F-A, S-F yes	
	nsport in bulk according applicable for product as			OL 73/78 and the IBC Code
Don	nestic regulation			
	<b>CFR</b> ID/NA number per shipping name	:		nazardous substance, liquid, n.o.s.

(fenbendazole)
9
III
CLASS 9
171
yes(fenbendazole)
Above applies only to containers over 119 gallons or 450 liters.
Shipment by ground under DOT is non-regulated; however it may be shipped per the applicable hazard classification to
facilitate multi-modal transport involving ICAO (IATA) or IMO.

### 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.

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### **SECTION 15. REGULATORY INFORMATION**

### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards	:	Reproductive toxicity Specific target organ toxicity (single or repeated exposure)
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### US State Regulations

Pennsylvania Right To Know		
Water fenbendazole Sodium citrate, dihydra Silicon dioxide	ate	7732-18-5 43210-67-9 6132-04-3 7631-86-9
California List of Hazardous Su	Ibstances	
Silicon dioxide Polyvinyl pyrrolidone		7631-86-9 9003-39-8
California Permissible Exposur	re Limits for Chemical Contaminants	
Silicon dioxide		7631-86-9
The ingredients of this product	are reported in the following invento	ries:
AICS :	not determined	
DSL :	not determined	
IECSC :	not determined	

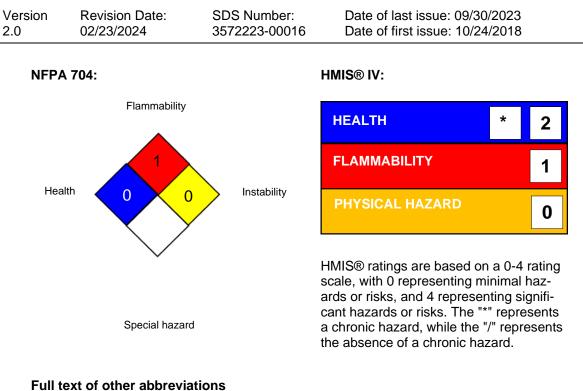
### **SECTION 16. OTHER INFORMATION**

**Further information** 



according to the OSHA Hazard Communication Standard

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:	USA. NIOSH Recommended Exposure Limits
:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
:	USA. Workplace Environmental Exposure Levels (WEEL)
:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
:	8-hour time weighted average
:	8-hr TWA
	:

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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 sub-



## Fenbendazole (10%) Liquid Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 09/30/2023
2.0	02/23/2024	3572223-00016	Date of first issue: 10/24/2018

stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; 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

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/

Revision Date : 02/23/2024

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

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