

Version	Revision Date:	SDS Number:	Date of last issue: 06.07.2024
7.1	28.09.2024	24676-00030	Date of first issue: 22.10.2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier Trade name	:	Fenbendazole (20%) Solid Formulation
1.2 Relevant identified uses of the	he s	substance or mixture and uses advised against
Use of the Sub- stance/Mixture		Veterinary product
Recommended restrictions on use	:	Not applicable
1.3 Details of the supplier of the	saf	fety data sheet
Company	:	MSD Kilsheelan Clonmel Tipperary, IE
Telephone	:	353-51-601000
E-mail address of person responsible for the SDS	:	EHSDATASTEWARD@msd.com

1.4 Emergency telephone number

+1-908-423-6000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Reproductive toxicity, Category 2

Specific target organ toxicity - repeated exposure, Category 2 Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 1 H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life.

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

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) Hazard pictograms :





Version 7.1	Revision Date: 28.09.2024	SDS Number:Date of last issue: 0624676-00030Date of first issue: 22	
Signa	l word	Warning	
Hazar	d statements	 H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H410 Very toxic to aquatic life with long lasting effects. 	
Preca	utionary statements	Prevention:P201Obtain special instructions beforeP273Avoid release to the environmenP280Wear protective gloves/ protectivetion/ face protection.	t.
		Response: P308 + P313 IF exposed or concerned attention. P391 Collect spillage.	I: Get medical advice/
		Storage: P405 Store locked up.	

Hazardous components which must be listed on the label: fenbendazole

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Dust contact with the eyes can lead to mechanical irritation. Contact with dust can cause mechanical irritation or drying of the skin. May form explosive dust-air mixture during processing, handling or other means.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
fenbendazole	43210-67-9	Repr. 2; H361fd	>= 10 - < 20

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.07.2024
7.1	28.09.2024	24676-00030	Date of first issue: 22.10.2014
		256-145-7	STOT RE 2; H373 (Liver, Stomach, Nervous system, Lymph nodes) Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of 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.
	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).
	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	:	If in eyes, rinse well with water. Get medical attention if irritation develops and persists.
	If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.
4.2	Most important symptoms and	d e	ffects, both acute and delayed
	Risks	:	Suspected of damaging fertility. Suspected of damaging the unborn child.
			May cause damage to organs through prolonged or repeated exposure.



Version 7.1	Revision Date: 28.09.2024		0S Number: 676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014
			the skin.	t can cause mechanical irritation or drying of the eyes can lead to mechanical irritation.
	cation of any immediate atment	meo		d special treatment needed ically and supportively.
		•	indu dyniptomat	
SECTIO	ON 5: Firefighting mea	sur	es	
5.1 Exti	nguishing media			
Sui	table extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (Dry chemical	
Un: me	suitable extinguishing dia	:	None known.	
5.2 Spe	cial hazards arising from	n the	substance or mi	xture
	ecific hazards during fire- iting	:	Exposure to com	bustion products may be a hazard to health.
Ha: uct	zardous combustion prod- s	:	Carbon oxides Nitrogen oxides (Sulphur oxides Metal oxides	NOx)
5.3 Adv	ice for firefighters			
	ecial protective equipment firefighters	:		e, wear self-contained breathing apparatus. tective equipment.
Spo	ecific 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

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Use personal protective equipment.
-	Follow safe handling advice (see section 7) and personal pro-
	tective equipment recommendations (see section 8).

6.2 Environmental precautions

Environmental precautions : Avoid release to the environment.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Version 7.1	Revision Date: 28.09.2024	SDS Number: 24676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014
		Retain and disp	leakage or spillage if safe to do so. ose of contaminated wash water. s should be advised if significant spillages ained.
6.3 Method	is and material for co	ontainment and clear	ning up
Metho	ds for cleaning up	tainer for dispose Avoid dispersal with compresse Dust deposits sl es, as these ma leased into the a Local or nationa posal of this ma employed in the mine which regu Sections 13 and	of dust in the air (i.e., clearing dust surfaces

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

	0	
Technical meas	sures :	Static electricity may accumulate and ignite suspended dust causing an explosion. Provide adequate precautions, such as electrical grounding
		and bonding, or inert atmospheres.
Local/Total ven	tilation :	Use only with adequate ventilation.
Advice on safe	handling :	Do not breathe dust, fume, gas, mist, vapours or spray. Do not swallow.
		Avoid contact with eyes.
		Avoid prolonged or repeated contact with skin.
		Handle in accordance with good industrial hygiene and safety
		practice, based on the results of the workplace exposure as- sessment
		Minimize dust generation and accumulation.
		Keep container closed when not in use.
		Keep away from heat and sources of ignition.
		Take precautionary measures against static discharges.
		Take care to prevent spills, waste and minimize release to the environment.
Hygiene measu	ires :	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 contami- nated 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,

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Version 7.1	Revision Date: 28.09.2024		Number: 6-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014				
			ndustrial hygiene ise of administra	e monitoring, medical surveillance and the tive controls.				
7.2 Condi	7.2 Conditions for safe storage, including any incompatibilities							
Requirements for storage areas and containers				labelled containers. Store locked up. Store in the particular national regulations.				
Advice on common storage			Do not store with the following product types: Strong oxidizing agents					
•	f ic end use(s) fic use(s)	: N	lo data available					

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
fenbendazole	43210-67-9	TWA	100 µg/m3 (OEB 2)	Internal
Silicon, amorphous	112945-52-	TWA (respirable	1,5 mg/m3	FOR-2011-
	5	dust)	(Silica)	12-06-1358

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Calcium carbonate	Workers	Inhalation	Long-term systemic effects	6,36 mg/m3
	Consumers	Ingestion	Acute systemic ef- fects	6,1 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	1,06 mg/m3
	Consumers	Ingestion	Long-term systemic effects	6,1 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

Substance name	Environmental Compartment	Value
fenbendazole		0,0001 mg/l
Calcium carbonate	Sewage treatment plant	100 mg/l

8.2 Exposure controls

Engineering measures

Use feasible engineering controls to minimize exposure to compound.

All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.

Personal protective equipment

Eye/face protection : Wear safety glasses with side shields or goggles.

Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Version 7.1	Revision Date: 28.09.2024	SDS Number: 24676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014
		mists or aeros Wear a facesh	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
	protection terial	: Chemical-resis	stant gloves
Respir	nd body protection ratory protection	sure assessme ommended gu Equipment sho	al exhaust ventilation is not available or expo- ent demonstrates exposures outside the rec- idelines, use respiratory protection. buld conform to NS EN 143
Filt	er type	: Particulates ty	De (P)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	granules
Colour	:	light yellow
Odour	:	odourless
Odour Threshold	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flammability (solid, gas)	:	May form explosive dust-air mixture during processing, han- dling or other means.
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	6 - 8

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Vers 7.1	ion	Revision Date: 28.09.2024		S Number: 676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014
	Viscosi Visc	ty osity, kinematic	:	No data available	e
	Solubili Wat	ty(ies) er solubility	:	insoluble	
	Partition octanol	n coefficient: n- /water	:	No data available	e
	Vapour	pressure	:	No data available	e
	Relative	e density	:	No data available	e
	Density	,	:	No data available	e
	Relative	e vapour density	:	No data available	e
		characteristics icle size	:	No data available	e
9.2 0	Other in	formation			
	Explosi	ves	:	Not explosive	
	Oxidizir	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Evapor	ation rate	:	No data available	e
	Minimu	m ignition energy	:	> 500 mJ	
	Molecu	lar weight	:	No data available	e

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions	 May form explosive dust-air mixture during processing, han- dling or other means. Can react with strong oxidizing agents.
10.4 Conditions to avoid	
Conditions to avoid	: Heat, flames and sparks. Avoid dust formation.

10.5 Incompatible materials

Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Version	Revision Date: 28.09.2024	SDS Number:	Date of last issue: 06.07.2024
7.1		24676-00030	Date of first issue: 22.10.2014
Mate	rials to avoid	: Oxidizing age	nts

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of : Inhalation exposure Skin contact Ingestion

Eye contact

Acute toxicity

Not classified based on available information.

Components:

fenbendazole:

Acute oral toxicity	:	LD50 (Rat): > 10.000 mg/kg
		LD50 (Mouse): > 10.000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:

fenbendazole:

Species	:	Rabbit
Result	:	No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Components:

fenbendazole:

Species	:	Rabbit
Result	:	No eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.



ersion 1	Revision Date: 28.09.2024	SDS Number: 24676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014
Com	ponents:		
fenbe	endazole:		
Geno	toxicity in vitro	: Test Type: E Result: nega	acterial reverse mutation assay (AMES) tive
		Test Type: D Result: nega	
		Test Type: 0 Result: nega	Chromosomal aberration tive
			mouse lymphoma cells tivation: Metabolic activation
Carci	inogenicity		
Not c	lassified based on ava	ilable information.	
<u>Com</u>	ponents:		
fenbe	endazole:		
	cation Route sure time EL	: Mouse : oral (feed) : 2 Years : 405 mg/kg b : negative	ody weight
Expo NOAI Resu	cation Route sure time EL	: Rat : Oral : 2 Years : 5 mg/kg bod : negative : Lymph node	
-	oductive toxicity ected of damaging fer	tility. Suspected of c	lamaging the unborn child.
Com	ponents:		
	endazole:		
TOTIDE			

Effects on fertility	:	Test Type: Three-generation reproduction toxicity study Species: Rat Application Route: oral (feed) General Toxicity - Parent: NOAEL: 15 mg/kg body weight Fertility: LOAEL: 45 mg/kg body weight Result: Effects on fertility
Effects on foetal develop- ment	:	Test Type: Development Species: Dog, female Application Route: Oral

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Version 7.1	Revision Date: 28.09.2024	SDS Number: 24676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014
		Result: Emb	ntal Toxicity: LOAEL: 100 mg/kg body weight pryotoxic effects and adverse effects on the off- detected., No teratogenic effects
		Species: Ra Application	Route: Oral ntal Toxicity: NOAEL: 25 mg/kg body weight
		Species: Ra Application	
		Species: Ra Application Development	
	roductive toxicity - As- ment	fertility, base	nce of adverse effects on sexual function and ed on animal experiments., Some evidence of ects on development, based on animal experi-
STO	T - single exposure		
	classified based on availa	able information.	
	T - repeated exposure		
		s through prolong	ed or repeated exposure.
<u>Com</u>	ponents:		

fenbenda	azole:
----------	--------

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 LOAEL Application Route Exposure time Target Organs		Rat 500 mg/kg Oral 2 Weeks Kidney, Liver
Species NOAEL	•	Rat > 2.500 mg/kg

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Version 7.1	Revision Date: 28.09.2024	SDS Number:Date of last issue: 06.07.202424676-00030Date of first issue: 22.10.2014	
Expo Rem Spec LOAI Appli Expo Targ	ies	 Oral 30 Days No significant adverse effects were reported Rat 1.600 mg/kg Oral 90 Days Central nervous system Tremors 	
	EL	 Dog 4 mg/kg 8 mg/kg 6 Months Stomach, Nervous system, Lymph nodes 	

Aspiration toxicity

Not classified based on available information.

Components:

fenbendazole:

No aspiration toxicity classification

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Experience with human exposure

Components:

fenbendazole:

Ingestion

: Symptoms: Rapid respiration, Salivation, anorexia, Diarrhoea

SECTION 12: Ecological information

12.1 Toxicity

Components:

fenbendazole:

Toxicity to fish

LC50 (Lepomis macrochirus (Bluegill sunfish)): 0,009 mg/l Exposure time: 21 d

:

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Vers 7.1	ion	Revision Date: 28.09.2024		9S Number: 676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014
		to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
	M-Fact icity)	or (Acute aquatic tox-	:	100	
		v to daphnia and other invertebrates (Chron- ity)	:	NOEC: 0,00113 m Exposure time: 21 Species: Daphnia Method: OECD Te	Days magna (Water flea)
	M-Fact toxicity)	or (Chronic aquatic)	:	10	
		tence and degradabil a available	ity		
12.3	Bioaco	umulative potential			
	<u>Compo</u>	onents:			
		dazole: n coefficient: n- /water	:	log Pow: 3,32	
12.4	12.4 Mobility in soil				
	Compo	onents:			
	fenben	dazole:			
		ition among environ- compartments	:	log Koc: 3,8 - 4,7 Method: FDA 3.08	3
12.5	Result	s of PBT and vPvB as	sses	ssment	
	Produc	xt:			
	Assess		:	to be either persis	ixture contains no components considered tent, bioaccumulative and toxic (PBT), or d very bioaccumulative (vPvB) at levels of
12.6	Endoc	rine disrupting prope	rtie	S	
	Produc	<u>::</u>			
	Assess		:	ered to have endo REACH Article 57	xture does not contain components consid- ocrine disrupting properties according to (f) or Commission Delegated regulation r Commission Regulation (EU) 2018/605 at higher.



Version	Revision Date:	SDS Number:	Date of last issue: 06.07.2024
7.1	28.09.2024	24676-00030	Date of first issue: 22.10.2014

12.7 Other adverse effects

No data available

SECTION 13: Disposal considerations							
13.1 Waste treatment methods	13.1 Waste treatment methods						
Product	 Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sewer. 						
Contaminated packaging	 Empty containers should be taken to an approved waste han- dling site for recycling or disposal. If not otherwise specified: Dispose of as unused product. 						

SECTION 14: Transport information

14.1 UN number or ID number

ADN	:	UN 3077	
ADR	:	UN 3077	
RID	:	UN 3077	
IMDG	:	UN 3077	
ΙΑΤΑ	:	UN 3077	
14.2 UN proper shipping name			
ADN	:	ENVIRONMENTALLY N.O.S. (fenbendazole)	HAZARDOUS SUBSTANCE, SOLID,
ADR	:	ENVIRONMENTALLY N.O.S. (fenbendazole)	HAZARDOUS SUBSTANCE, SOLID,
RID	:	ENVIRONMENTALLY N.O.S. (fenbendazole)	HAZARDOUS SUBSTANCE, SOLID,
IMDG	:	ENVIRONMENTALLY N.O.S. (fenbendazole)	HAZARDOUS SUBSTANCE, SOLID,
ΙΑΤΑ	:	Environmentally hazar (fenbendazole)	dous substance, solid, n.o.s.
14.3 Transport hazard class(es)			
		Class	Subsidiary risks
ADN	:	9	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Vers 7.1	ion	Revision Date: 28.09.2024		0S Number: 676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014
	ADR RID		:	9 9	
	IMDG		:	9	
	ΙΑΤΑ		:	9	
14.4	Packin	g group			
		g group cation Code Identification Number	:	III M7 90 9	
	Hazard Labels Tunnel	g group cation Code Identification Number restriction code	:	III M7 90 9 (-)	
		g group cation Code Identification Number	:	III M7 90 9	
	IMDG Packing Labels EmS C		:	III 9 F-A, S-F	
	aircraft	g instruction (cargo) g instruction (LQ)	:	956 Y956 III Miscellaneous	
	IATA (F Packing ger airc	g instruction (LQ)	:	956 Y956 III Miscellaneous	
14.5	Enviro	nmental hazards			
	ADN Enviror	mentally hazardous	:	yes	
	ADR	mentally hazardous	:	yes	
	RID	mentally hazardous	:	yes	

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by



Commission Regulation (EU) 2020/878

Fenbendazole (20%) Solid Formulation

Version Revision Date: 7.1 28.09.2024	SDS Number: 24676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014
IMDG Marino pollutant	·	
Marine pollutant IATA (Passenger) Environmentally hazardous	: yes	
IATA (Cargo) Environmentally hazardous	: yes : ves	

14.6 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.

14.7 Maritime transport in bulk according to IMO instruments

Remarks

: Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable
Regulation (EC) on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	:	Not applicable
Regulation (EU) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	:	Not applicable
Covers III Directive 2012/10/ELL of the European Derlies		and of the Council

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity 1	Quantity 2
E1	ENVIRONMENTAL	100 t	200 t
	HAZARDS		

Other regulations:

Note the Working Environment Act § 4-1 and § 4-2 on requirements for the employer to protect pregnant employees against discomfort and injury as a result of the work situation and the working environment.

Note the regulation on organization, leadership and participation, chapter 12 on the work of children and young people.

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

AICS :		not determined
--------	--	----------------

DSL : not determined

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Fenbendazole (20%) Solid Formulation

Version 7.1	Revision Date: 28.09.2024	SDS Number: 24676-00030	Date of last issue: 06.07.2024 Date of first issue: 22.10.2014	
IECS	SC	: not determine	ed	
	mical safety assessm			
A Chemic	al Safety Assessment	has not been carried	lout.	
SECTIO	N 16: Other informa	tion		
Othe	r information		: Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.	
Full	text of H-Statements			
H361	lfd	: Suspected of unborn child.	damaging fertility. Suspected of damaging the	
H373	3		May cause damage to organs through prolonged or repeated exposure if swallowed.	
H400			Very toxic to aquatic life.	
H410)	: Very toxic to	Very toxic to aquatic life with long lasting effects.	
Full t	text of other abbrevia	tions		
Aqua Repr STO FOR	T RE -2011-12-06-1358 -2011-12-06-1358 /	: Long-term (cl : Reproductive : Specific targe	et organ toxicity - repeated exposure upational Exposure limits	
TWA		C C	posure limit emational Carriage of Dangerous Goods by	

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergencv Schedule: ENCS - Existing and New Chemical Substances (Japan): ErCx - Concentration associated with x% growth rate response; 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; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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-



Version	Revision Date:	SDS Number:	Date of last issue: 06.07.2024
7.1	28.09.2024	24676-00030	Date of first issue: 22.10.2014

stance; 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; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; 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

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/	
Classification of the mixtur	re:	Classification procedure:	
Repr. 2	H36 ⁻	fd Calculation method	
STOT RE 2	H373	Calculation method	
Aquatic Acute 1	H400	Calculation method	
Aquatic Chronic 1	H41(Calculation method	

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.

NO / EN