

according to the Hazardous Products Regulations

Fenbendazole (2.50%) Liquid Formulation

4.0 07/06/2024 10846408-00006 Date of first issue: 09/06/2022		Revision Date: 07/06/2024	SDS Number: 10846408-00006	Date of last issue: 04/06/2024 Date of first issue: 09/06/2022
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SECTION 1. IDENTIFICATION

Product name Other means of identification	:			
Manufacturer or supplier's o	deta	ails		
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		
Restrictions on use	:	Not applicable		

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations			
Reproductive toxicity	:	Category 2	
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Liver, Stomach, Nervous system, Lymph nodes)	

GHS label elements

Hazard pictograms :	
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 :	 Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe mist or vapors. P280 Wear protective gloves, protective clothing, eye protection and face protection.
	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

Component	S
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Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Silicon dioxide	Silica	7631-86-9	3
fenbendazole	No data availa- ble	43210-67-9	2.5
Benzyl alcohol	Benzenemetha- nol	100-51-6	0.5

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. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	:	
-		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





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:	Suitable extinguishing media		:	: Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical		
	Unsuitable extinguishing media		:	None known.		
	Specific fighting	c hazards during fire	:	Exposure to comb	pustion products may be a hazard to health.	
	Hazard ucts	ous combustion prod-	:	Carbon oxides Nitrogen oxides (I Sulfur oxides Metal oxides	NOx)	
	Specific ods	c extinguishing meth-	:	 Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to d so. Evacuate area. 		
	Special for fire-l	protective equipment fighters	:	In the event of fire	e, wear self-contained breathing apparatus. tective equipment.	
SEC	TION 6.	ACCIDENTAL RELE	ASI	EMEASURES		
1	tive equ	al precautions, protec- uipment and emer- procedures	:	Follow safe handl	tective equipment. ing advice (see section 7) and personal lent recommendations (see section 8).	
I	Environ	mental 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		:	For large spills, pl containment to ke can be pumped, s container. Clean up remainin absorbent. Local or national d disposal of this m employed in the c determine which to Sections 13 and 1	t absorbent material. rovide diking or other appropriate sep material from spreading. If diked material store recovered material in appropriate ng materials from spill with suitable regulations may apply to releases and aterial, as well as those materials and items leanup of releases. You will need to regulations are applicable. IS of this SDS provide information regarding tional requirements	

SECTION 7. HANDLING AND STORAGE

certain local or national requirements.



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Loca	nical measures I/Total ventilation ce on safe handling	CONTROLS/PE : Use only with ac : Do not breathe Do not swallow. Avoid contact w Avoid prolonged Handle in accor practice, based assessment	
Cond	litions for safe storage	: Keep in properly labeled containers. Store in accordance with the particular national regulations.	
Mate	rials to avoid		h the following product types:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS-No. Components Value type Control parame-Basis ters / Permissible (Form of concentration exposure) Silicon dioxide 7631-86-9 TWAEV 6 mg/m³ CA QC OEL (respirable dust) 100 µg/m3 (OEB TWA fenbendazole 43210-67-9 Internal 2)

Ingredients with workplace control parameters

Engineering measures :	Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip- less quick connections). All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Laboratory operations do not require special containment.
Personal protective equipmen	t
Respiratory protection : Filter type :	If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. Particulates type
Hand protection Material :	Chemical-resistant gloves
	, , , , , , , , , , , , , , , , , , ,
Eye protection :	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.



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	and body protection ne measures	eye flushing syst working place. When using do r Wash contamina The effective op engineering cont appropriate dego	emical is likely during typical use, provide tems and safety showers close to the not eat, drink or smoke. ted clothing before re-use. eration of a facility should include review of trols, proper personal protective equipment, owning and decontamination procedures, e monitoring, medical surveillance and the

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	off-white
Odor	:	No data available
Odor 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 flammability limit	:	No data available
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	:	No data available
Solubility(ies) Water solubility	:	No data available



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octan Autoig Decor Visco Visco	on coefficient: n- ol/water gnition temperature mposition temperature sity scosity, kinematic sive properties	 Not applicable No data availa No data availa No data availa No data availa Not explosive 	ble
Moleo Partic	zing properties cular weight le characteristics le size	The substanceNo data availaNot 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 exposure

Inhalation Skin contact Ingestion Eye contact

Acute toxicity

Not classified based on available information.

Components:

Silicon dioxide:

Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50 (Rat): > 2.08 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhala- tion toxicity



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Act	ute dermal toxicity	:	LD50 (Rabbit): >	5,000 mg/kg
fen	bendazole:			
Ac	ute oral toxicity	:	LD50 (Rat): > 10),000 mg/kg
			LD50 (Mouse): >	• 10,000 mg/kg
Bo	nzyl alcohol:			
	ute oral toxicity	:	LD50 (Rat): 1,62	0 mg/kg
Act	ute inhalation toxicity	:	LC50 (Rat): > 4. Exposure time: 4 Test atmosphere Method: OECD	↓h
-	in corrosion/irritation t classified based on avail	able	information.	
Co	mponents:			
	icon dioxide:			
Sp Me	ecies thod sult	:	Rabbit OECD Test Guid No skin irritation	leline 404
for	bendazole:			
Sp	ecies sult	:	Rabbit No skin irritation	
Bo	nzyl alcohol:			
Sp Me	ecies thod	:	Rabbit OECD Test Guid	deline 404
Re	sult	-	No skin irritation	
	rious eye damage/eye in t classified based on avail			
<u>Co</u>	mponents:			
Sil	icon dioxide:			
	ecies	:	Rabbit	
	sult thod	:	No eye irritation OECD Test Guid	deline 405
fen	bendazole:			
	ecies	:	Rabbit	
	sult	:	No eye irritation	

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	Benzy Specie Result Method		: :	Rabbit Irritation to eyes, OECD Test Guide	reversing within 21 days eline 405
	Respir	atory or skin sensiti	zatio	on	
		ensitization ssified based on avai	lable	information.	
	-	atory sensitization ssified based on avai	lable	information.	
	Comp	onents:			
	Test Ty	s of exposure	:	Maximization Tes Skin contact Guinea pig OECD Test Guide negative	
	Not cla	cell mutagenicity Issified based on avai Ionents:	lable	information.	
		n dioxide:			
		oxicity in vitro	:	Test Type: Bacte Method: OECD T Result: negative	ial reverse mutation assay (AMES) est Guideline 471
	Genoto	oxicity in vivo	:		enicity (in vivo mammalian bone-marrow chromosomal analysis) : Ingestion
	fenber	ndazole:			
		oxicity in vitro	:	Test Type: Bacte Result: negative	ial reverse mutation assay (AMES)
				Test Type: DNA F Result: negative	Repair
				Test Type: Chron Result: negative	nosomal aberration
					e test lse lymphoma cells on: Metabolic activation



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ersion D	Revision Date: 07/06/2024	SDS Number: 10846408-00006	Date of last issue: 04/06/2024 Date of first issue: 09/06/2022
Benz	yl alcohol:		
Geno	toxicity in vitro	: Test Type: Ba Result: negati	cterial reverse mutation assay (AMES) ve
Geno	toxicity in vivo	cytogenetic as Species: Mous	se future section section
	nogenicity assified based on av	ailable information.	
	oonents:		
	on dioxide:		
	cation Route sure time	: Rat : Ingestion : 103 weeks : negative	
fenbe	endazole:		
	cation Route sure time EL	: Mouse : oral (feed) : 2 Years : 405 mg/kg boo : negative	dy weight
Expos NOAE Resul	cation Route sure time EL	: Rat : Oral : 2 Years : 5 mg/kg body : negative : Lymph nodes,	
Benz	yl alcohol:		
Speci Applic	es cation Route sure time od	: Mouse : Ingestion : 103 weeks : OECD Test G : negative	uideline 451
•	oductive toxicity ected of damaging fe	tility. Suspected of da	maging the unborn child.
<u>Comp</u>	oonents:		

Effects on fetal development	:	Test Type: Embryo-fetal development Species: Rat
		Application Route: Ingestion

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				Result: negative	
ſ	fenben	dazole:			
	Effects on fertility		:	Species: Rat Application Route General Toxicity F	Parent: NOAEL: 15 mg/kg body weight 45 mg/kg body weight
	Effects	on fetal development	:	Result: Embryoto	nale
				Species: Rabbit Application Route	oxicity: NOAEL: 25 mg/kg body weight
				Species: Rabbit Application Route	ro-fetal development : Oral oxicity: LOAEL: 63 mg/kg body weight
				Species: Rat Application Route Developmental To	ro-fetal development : Oral oxicity: NOAEL: 120 mg/kg body weight s on fetal development.
	Reprod sessme	uctive toxicity - As- ent	:	fertility, based on	f adverse effects on sexual function and animal experiments., Some evidence of n development, based on animal
	Benzyl	alcohol:			
	Effects	on fertility	:	Species: Rat Application Route Result: negative	y/early embryonic development : Ingestion on data from similar materials
	Effects	on fetal development	:	Test Type: Embry Species: Mouse Application Route Result: negative	ro-fetal development : Ingestion

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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:

Silicon dioxide:

Species	: Rat
NOAEL	: 1.3 mg/m ³
Application Route	: inhalation (dust/mist/fume)
Exposure time	: 13 Weeks
fenbendazole: Species	: Rat
LOAEL	: 500 mg/kg
Application Route	: Oral
Exposure time	: 2 Weeks
Target Organs	: Kidney, Liver
Species NOAEL Application Route Exposure time Remarks	 Rat > 2,500 mg/kg Oral 30 Days No significant adverse effects were reported
Species LOAEL Application Route Exposure time Target Organs Symptoms	 Rat 1,600 mg/kg Oral 90 Days Central nervous system Tremors
Species	: Dog
NOAEL	: 4 mg/kg
LOAEL	: 8 mg/kg
Exposure time	: 6 Months
Target Organs	: Stomach, Nervous system, Lymph nodes

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Speci NOAE Applic	EL cation Route sure time	: 28 Days	1.072 mg/l inhalation (dust/mist/fume)	
Not cl	ation toxicity assified based on availa ponents:	ble information.		
	endazole: piration toxicity classification	ation		
Expe	rience with human exp	osure		
Comp	oonents:			
fenbe Inges	endazole: tion	: Symptoms: Ra	apid respiration, Salivation, anorexia, Diarrhea	
	12. ECOLOGICAL INFO	DRMATION		
ECTION	12. ECOLOGICAL INFO	ORMATION		
Ecoto <u>Comp</u>	12. ECOLOGICAL INFO oxicity <u>oonents:</u> on dioxide:	DRMATION		
Ecoto <u>Comp</u> Silico	oxicity oonents:	: LC50 (Danio r Exposure time	erio (zebra fish)): > 10,000 mg/l : 96 h D Test Guideline 203	
Ecoto <u>Comp</u> Silico Toxici	oxicity oonents: on dioxide: ity to fish	 LC50 (Danio r Exposure time Method: OECI EC50 (Daphni Exposure time 	: 96 h D Test Guideline 203 a magna (Water flea)): > 1,000 mg/l	
Ecoto <u>Comp</u> Silico Toxici Toxici aquat	oxicity conents: on dioxide: ity to fish ity to daphnia and other ic invertebrates	 : LC50 (Danio r Exposure time Method: OECI : EC50 (Daphni Exposure time Method: OECI : EC50 (Desmo mg/l Exposure time Method: OECI 	e: 96 h D Test Guideline 203 a magna (Water flea)): > 1,000 mg/l e: 24 h D Test Guideline 202 desmus subspicatus (green algae)): > 10,000	
Ecoto <u>Comp</u> Silico Toxici aquat	oxicity conents: on dioxide: ity to fish ity to daphnia and other ic invertebrates	 : LC50 (Danio r Exposure time Method: OECI : EC50 (Daphni Exposure time Method: OECI : EC50 (Desmo mg/l : Exposure time Method: OECI Remarks: Bas NOEC (Desmo mg/l Exposure time Method: OECI 	 96 h D Test Guideline 203 a magna (Water flea)): > 1,000 mg/l 24 h D Test Guideline 202 desmus subspicatus (green algae)): > 10,000 72 h D Test Guideline 201 ed on data from similar materials odesmus subspicatus (green algae)): 10,000 	
Ecoto Comp Silico Toxici aquat Toxici plants	oxicity conents: on dioxide: ity to fish ity to daphnia and other ic invertebrates	 : LC50 (Danio r Exposure time Method: OECI : EC50 (Daphni Exposure time Method: OECI : EC50 (Desmo mg/l : Exposure time Method: OECI Remarks: Bas NOEC (Desmo mg/l Exposure time Method: OECI 	 96 h D Test Guideline 203 a magna (Water flea)): > 1,000 mg/l 24 h D Test Guideline 202 desmus subspicatus (green algae)): > 10,000 72 h D Test Guideline 201 ed on data from similar materials odesmus subspicatus (green algae)): 10,000 72 h D Test Guideline 201 ed on data from similar materials 	



rsion)	Revision Date: 07/06/2024		9S Number: 846408-00006	Date of last issue: 04/06/2024 Date of first issue: 09/06/2022
Toxicity to daphnia and other aquatic invertebrates		:	EC50 (Daphnia magna (Water flea)): 0.0088 mg/l Exposure time: 48 h Method: OECD Test Guideline 202	
	y to daphnia and other c invertebrates (Chron- ity)	:	NOEC (Daphnia magna (Water flea)): 0.00113 mg/l Exposure time: 21 Days Method: OECD Test Guideline 211	
Benzy	l alcohol:			
-	y to fish	:	LC50 (Pimephales Exposure time: 96	s promelas (fathead minnow)): 460 mg/l 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 Te	
			NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
	y to daphnia and other c invertebrates (Chron- ity)	:	NOEC (Daphnia r Exposure time: 21 Method: OECD To	
Persis	tence and degradabili	ty		
Comp	onents:			
Benzy	l alcohol:			
	radability	:	Result: Readily bi Biodegradation: 9 Exposure time: 14	2 - 96 %
Bioaco	cumulative potential			
Comp	onents:			
Partitio	ndazole: on coefficient: n- l/water	:	log Pow: 3.32	
Benzy	l alcohol:			
Partitic	n coefficient: n-	:	log Pow: 1.05	

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Mobi	lity in soil						
Com	ponents:						
fenbe	endazole:						
	bution among environ- al compartments	:	log Koc: 3.8 - 4.7 Method: FDA 3.0				
Othe	r adverse effects						
No da	ata available						
CTION	13. DISPOSAL CONSI	IDER	ATIONS				
Dispo	osal methods						
-	e from residues	:		f waste into sewer. cordance with local regulations			
Contaminated 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. 				
	14. TRANSPORT INFO		ATION				
Interr	national Regulations						
	-						
	umber	:	UN 3082				
Prope	er shipping name	:	ENVIRONMENT N.O.S. (fenbendazole)	ALLY HAZARDOUS SUBSTANCE, LIQUII			
Class		:	9				
	ng group	:	III				
Label	S	:	9				
Enviro	onmentally hazardous	:	yes				
IATA							
UN/IE Prope	O No. er shipping name	:		hazardous substance, liquid, n.o.s.			
Class			(fenbendazole)				
	ng group	:	9 III				
Label		:	Miscellaneous				
	ng instruction (cargo	:	964				
Packi	ng instruction (passen-	:	964				
	onmentally hazardous	:	yes				
	-Code						
	umber er shipping name	:	N.O.S.	ALLY HAZARDOUS SUBSTANCE, LIQUII			
01-			(fenbendazole)				
Class		:	9				
Packi	ng group	:	III				



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	els S Code rine pollutant	: 9 : F-A, S-F : yes	
	nsport in bulk accordin applicable for product as	•	RPOL 73/78 and the IBC Code
Doi	mestic regulation		
	G number per shipping name	N.O.S.	TALLY HAZARDOUS SUBSTANCE, LIQUID,
Lab ER	king group	(fenbendazole) : 9 : III : 9 : 171 : yes(fenbendazo	

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

The ingredients of this product are reported in the following inventories:					
AICS	: not determined				
DSL	: not determined				
IECSC	: not determined				

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

CA QC OEL	:	Québec. Regulation respecting occupational health and safe-
		ty, Schedule 1, Part 1: Permissible exposure values for air-
		borne contaminants
CA QC OEL / TWAEV	:	Time-weighted average exposure value

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



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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

Sources of key data used to compile the Material 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/
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Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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.

CA / Z8