

Version 6.1	Revision Date: 30.09.2023		S Number: 16963-00012		sue: 04.04.2023 sue: 17.07.2020
Section	1: Identification				
Pro	duct name	:	Fenbendazole (0	.5%) Crumbles	Formulation
Mai	nufacturer or supplier's d	letai	ils		
	mpany	:	MSD		
Ado	dress	:	33 Whakatiki Stro Upper Hutt - New		g 908
Tele	ephone	:	0800 800 543		
Em	ergency telephone number	·:	0800 764 766 (08 CHEMCALL)	300 POISON)	0800 243 622 (0800
E-m	nail address	:	EHSDATASTEW	ARD@msd.co	m
	nail address commended use of the ch	: nem			m
Rec Rec		nem :		ons on use	n
Rec Rec Res	commended use of the ch commended use	:	ical and restrictio Veterinary produ	ons on use	n
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Rec Rec Res Section GH Rep Haz env Haz	 commended use of the checommended use strictions on use 2: Hazard identification S Classification productive toxicity zardous to the aquatic 	:	ical and restrictic Veterinary produ Not applicable	ons on use	m
Rec Rec Res Section GH Rep Haz env Haz env	 commended use of the choren commended use strictions on use 2: Hazard identification S Classification boroductive toxicity zardous to the aquatic vironment - acute hazard zardous to the aquatic 	:	ical and restriction Veterinary produ Not applicable Category 2 Category 1	ons on use	m
Rec Rec Res Section GH Haz env Haz env GH	 commended use of the choren ded use strictions on use 2: Hazard identification S Classification broductive toxicity zardous to the aquatic vironment - acute hazard zardous to the aquatic vironment - chronic hazard 	:	ical and restriction Veterinary produ Not applicable Category 2 Category 1	ons on use	m



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		P202 Do not h and understoo P273 Avoid rel	ease to the environment. otective gloves/ protective clothing/ eye protec-
		Response: P308 + P313 IF exposed or conc attention. P391 Collect spillage.	F exposed or concerned: Get medical advice/ pillage.
		Storage: P405 Store loc	ked up.

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)
Calcium carbonate	471-34-1	>= 1 -< 10
Paraffin oil	8012-95-1	>= 1 -< 2.5
fenbendazole	43210-67-9	>= 0.25 -< 1

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.



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and e	important symptoms ffects, both acute and	:	Suspected of d unborn child.	amaging fertility. Suspected of damaging the			
	delayed 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	s to physician	:		atically and supportively.			
Section 5	: Fire-fighting measure	S					
Suita	ble extinguishing media	:	Water spray Alcohol-resista Carbon dioxide Dry chemical				
Unsu media	itable extinguishing	:	None known.				
	ific hazards during fire-	:	Exposure to co	mbustion products may be a hazard to health.			
	rdous combustion prod-	:	: Carbon oxides Metal oxides				
Spec ods	ific extinguishing meth-	:	cumstances an Use water spra Remove undan so.	ing measures that are appropriate to local cir- d the surrounding environment. y to cool unopened containers. naged containers from fire area if it is safe to de			
for fir	Special protective equipment for firefighters Hazchem Code		Evacuate area. In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. 2Z				
Section 6	: Accidental release me	eas	ures				
tive e	onal precautions, protec- quipment and emer- y procedures	:	: Use personal protective equipment. Follow safe handling advice (see section 7) and perso tective equipment recommendations (see section 8).				
Envir	onmental precautions	:	 Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillage cannot be contained. 				
	ods and materials for inment and cleaning up	:	tainer for dispo Local or nationa posal of this ma employed in the mine which reg	acuum up spillage and collect in suitable con- sal. al regulations may apply to releases and dis- aterial, as well as those materials and items e cleanup of releases. You will need to deter- ulations are applicable.			

Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.



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Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation Advice on safe handling		Use only with adequate ventilation. 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
		Take care to prevent spills, waste and minimize release to the environment.
Hygiene measures	:	If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls.
Conditions for safe storage	:	Keep in properly labelled containers. Store in accordance with the particular national regulations.
Materials to avoid	:	Do not store with the following product types: Strong oxidizing agents

Section 8: Exposure controls/personal protection

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Calcium carbonate	471-34-1	WES-TWA	10 mg/m3 (Calcium car- bonate)	NZ OEL
Paraffin oil	8012-95-1	WES-TWA (Mist)	5 mg/m3	NZ OEL
		WES-STEL (Mist)	10 mg/m3	NZ OEL
		TWA (Inhal- able particu- late matter)	5 mg/m3	ACGIH
fenbendazole	43210-67-9	TWA	100 µg/m3 (OEB 2)	Internal

Engineering measures

: Use feasible engineering controls to minimize exposure to compound.

All engineering controls should be implemented by facility



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			perated in accordance with GMP principles to cts, workers, and the environment.
Perso	onal protective equip		
	ratory protection	: If adequate lo sure assessm	cal exhaust ventilation is not available or expo ent demonstrates exposures outside the rec- uidelines, use respiratory protection.
	ter type protection		rticulates and organic vapour type
	aterial	: Chemical-resi	stant gloves
Eye p	rotection	If the work en mists or aeros Wear a facest	lasses with side shields or goggles. vironment or activity involves dusty conditions sols, wear the appropriate goggles. hield or other full face protection if there is a irect contact to the face with dusts, mists, or
Skin a	and body protection	: Work uniform	or laboratory coat.

Appearance	:	pellets
Colour	:	No data available
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	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	No data available
Flammability (liquids)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	Not applicable



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Relati	ve vapour density	:	Not applicable	
Relati	ve density	:	No data available	e
Densi	ty	:	No data available	e
	ility(ies) ater solubility	:	No data available	e
	Partition coefficient: n-		Not applicable	
	ol/water gnition temperature	:	No data available	e
Decor	Decomposition temperature		No data available	e
Visco Vis	sity scosity, kinematic	:	Not applicable	
Explo	sive properties	:	Not explosive	
Oxidiz	zing properties	:	The substance c	or mixture is not classified as oxidizing.
Molec	cular weight	:	No data available	e
Partic	le size	:	No data available	e

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	:	Oxidizing agents

Section 11: Toxicological information

Exposure routes	: Skin contact
	Ingestion
	Eye contact

Acute toxicity

Not classified based on available information.

Components:

Calcium carbonate:

Acute oral toxicity

: LD50 (Rat): > 2,000 mg/kg



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) Test Guideline 420 he substance or mixture has no acute oral tox-
Acute	e inhalation toxicity	:		: 4 h
Acute	Acute dermal toxicity			2,000 mg/kg) Test Guideline 402 he substance or mixture has no acute dermal
Para	ffin oil:			
Acute	e oral toxicity	:	LD50 (Rat): > 5	5,000 mg/kg
Acute	Acute dermal toxicity		LD50 (Rabbit): Assessment: T toxicity	> 2,000 mg/kg he substance or mixture has no acute dermal
fenbe	endazole:			
Acute	e oral toxicity	:	LD50 (Rat): > 2	10,000 mg/kg
			LD50 (Mouse):	> 10,000 mg/kg
-	corrosion/irritation			
	lassified based on ava ponents:	allable	information.	
	um carbonate:			
Spec	ies	:	Rabbit	
Meth Resu		:	OECD Test Guideline 404No skin irritation	
Para	ffin oil:			
Spec Resu		:		
fenbe	endazole:			
Spec	ies	:	Rabbit	-
Resu	IT	:	No skin irritatio	n

Serious eye damage/eye irritation

Not classified based on available information.



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<u>Com</u>	oonents:		
Calci	um carbonate:		
Speci Resu Metho	lt	: Rabbit : No eye irritatio : OECD Test G	
Paraf	fin oil:		
Speci Resu		: Rabbit : No eye irritatio	on
fenbe	endazole:		
Speci Resu		: Rabbit : No eye irritatio	on
Resp	iratory or skin sens	itisation	
Skin	sensitisation		
Not c	lassified based on av	ailable information.	
D			

Respiratory sensitisation

Not classified based on available information.

Components:

Calcium carbonate:

Test Type	:	Local lymph node assay (LLNA)
Exposure routes	:	Skin contact
Species	:	Mouse
Method	:	OECD Test Guideline 429
Result	:	negative

Chronic toxicity

Germ cell mutagenicity

Not classified based on available information.

Components:

Calcium carbonate:

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative
		Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: negative
		Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative



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fonbo	endazole:		
	toxicity in vitro	: Test Type: Ba Result: negati	cterial reverse mutation assay (AMES) ve
		Test Type: DI Result: negat	
		Test Type: Cł Result: negat	nromosomal aberration ve
			mouse lymphoma cells vation: Metabolic activation
	nogenicity lassified based on ava	ilable information.	
Com	oonents:		
fenbe	endazole:		
	cation Route sure time EL	: Mouse : oral (feed) : 2 Years : 405 mg/kg bo : negative	dy weight
Expos NOAE Resu	cation Route sure time EL	: Rat : Oral : 2 Years : 5 mg/kg body : negative : Lymph nodes	-
•	oductive toxicity ected of damaging fer	ility. Suspected of da	maging the unborn child.
Com	ponents:		
Calci	um carbonate:		
	ts on fertility	reproduction/ Species: Rat Application R	ombined repeated dose toxicity study with t developmental toxicity screening test pute: Ingestion D Test Guideline 422 ve
Effect ment	ts on foetal develop-	Species: Rat	nbryo-foetal development oute: Ingestion



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		Method: OE Result: nega	CD Test Guideline 414
		Result. Hoge	
	endazole:		
Effect	ts on fertility	Species: Ra Application General Tox Fertility: LO/	Three-generation reproduction toxicity study t Route: oral (feed) Licity - Parent: NOAEL: 15 mg/kg body weight AEL: 45 mg/kg body weight cts on fertility
Effect ment	ts on foetal develop-	Species: Do Application Developmer Result: Emb	
		Species: Ra Application	Route: Oral htal Toxicity: NOAEL: 25 mg/kg body weight
		Species: Ra Application	
		Species: Ra Application Developmer	
Repro sessn	oductive toxicity - As- nent	fertility, base	nce of adverse effects on sexual function and ed on animal experiments., Some evidence of ects on development, based on animal experi-
	- single exposure		
	lassified based on avai	lable information.	
	repeated exposure lassified based on avai	able information.	
	oonents:		
	endazole:		
Expos Targe	sure routes et Organs ssment		ach, Nervous system, Lymph nodes damage to organs through prolonged or repeated



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		exposure.	
Repe	ated dose toxicity		
<u>Com</u>	oonents:		
	um carbonate:		
Speci NOAE		: Rat : > 1,000 mg/kg	
Applic	cation Route	: Ingestion	
Expos Metho	sure time od	: 28 Days : OECD Test Gu	iideline 422
Weth			
	fin oil:		
Speci LOAE		: Rat, female : 161 mg/kg	
-	cation Route	: Ingestion	
Expo	sure time	: 90 Days	
fenbe	endazole:		
Speci		: Rat	
LOAE Applie	L cation Route	: 500 mg/kg : Oral	
Expos	sure time	: 2 Weeks	
Targe	et Organs	: Kidney, Liver	
Speci		: Rat	
NOA Applio	L Cation Route	: > 2,500 mg/kg : Oral	
Expos	sure time	: 30 Days	
Rema	arks	: No significant a	adverse effects were reported
Speci		: Rat	
LOAE Applie	:L cation Route	: 1,600 mg/kg : Oral	
Expos	sure time	: 90 Days	
•	et Organs	: Central nervou : Tremors	s system
Symp			
Speci NOAE		: Dog	
LOAE		: 4 mg/kg : 8 mg/kg	
Expos	sure time	: 6 Months	and another transferration to a
Targe	et Organs	: Stomach, Nerv	ous system, Lymph nodes

Aspiration toxicity

Not classified based on available information.



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Components:

Paraffin oil:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

fenbendazole:

No aspiration toxicity classification

Experience with human exposure

Components:

fenbendazole:

Ingestion

: Symptoms: Rapid respiration, Salivation, anorexia, Diarrhoea

Section 12: Ecological information

Ecotoxicity

Components:					
Calcium carbonate:					
Toxicity to fish	:	LL50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 203			
Toxicity to daphnia and other aquatic invertebrates	:	EL50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 202			
Toxicity to algae/aquatic plants	:	NOELR (Pseudokirchneriella subcapitata (green algae)): 50 mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 201			
		EL50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 201			
Toxicity to microorganisms	:	NOEC: 1,000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209			
		EC50: > 1,000 mg/l Exposure time: 3 h			



Method: OECD Test Guideline 209 Paraffin oil: Toxicity to fish : LL50 (Scophthalmus maximus (turbot)): > 100 mg/ Exposure time: 96 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials Toxicity to daphnia and other aquatic invertebrates : EL50 (Acartia tonsa (Calanoid copepod)): > 100 m Exposure time: 48 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials Toxicity to algae/aquatic plants : EL50 (Skeletonema costatum (marine diatom)): > 100 m Exposure time: 72 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials	
Paraffin oil:Toxicity to fish: LL50 (Scophthalmus maximus (turbot)): > 100 mg/ Exposure time: 96 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materialsToxicity to daphnia and other aquatic invertebrates: EL50 (Acartia tonsa (Calanoid copepod)): > 100 m Exposure time: 48 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materialsToxicity to algae/aquatic plants: EL50 (Skeletonema costatum (marine diatom)): > Exposure time: 72 h Test substance: Water Accommodated Fraction	
 Toxicity to fish LL50 (Scophthalmus maximus (turbot)): > 100 mg/ Exposure time: 96 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials Toxicity to daphnia and other aquatic invertebrates EL50 (Acartia tonsa (Calanoid copepod)): > 100 m Exposure time: 48 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials Toxicity to algae/aquatic plants EL50 (Skeletonema costatum (marine diatom)): > Exposure time: 72 h Test substance: Water Accommodated Fraction 	
 Exposure time: 96 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials Toxicity to daphnia and other aquatic invertebrates EL50 (Acartia tonsa (Calanoid copepod)): > 100 m Exposure time: 48 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials Toxicity to algae/aquatic plants EL50 (Skeletonema costatum (marine diatom)): > Exposure time: 72 h Test substance: Water Accommodated Fraction 	
aquatic invertebratesExposure time: 48 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materialsToxicity to algae/aquatic plants:EL50 (Skeletonema costatum (marine diatom)): >Exposure time: 72 h Test substance: Water Accommodated Fraction	ng/l
plants Exposure time: 72 h Test substance: Water Accommodated Fraction	
Remarks. Dased on data from similar materials	100 mg
NOELR (Skeletonema costatum (marine diatom)): Exposure time: 72 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials	> 1 m(
fenbendazole:	
Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 0.0 Exposure time: 21 d)09 mg
Toxicity to daphnia and other aquatic invertebratesEC50 (Daphnia magna (Water flea)): 0.0088 mg/l Exposure time: 48 h Method: OECD Test Guideline 202	
M-Factor (Acute aquatic tox- : 100	
icity) Toxicity to daphnia and other : NOEC (Daphnia magna (Water flea)): 0.00113 mg. aquatic invertebrates (Chron- ic toxicity) Method: OECD Test Guideline 211	j/I
M-Factor (Chronic aquatic : 10 toxicity)	
Persistence and degradability No data available	
Bioaccumulative potential	
Components:	
Paraffin oil:	
Partition coefficient: n- octanol/water:log Pow: > 4 Remarks: Calculation	



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fenbe	ndazole:					
Partiti	on coefficient: n- bl/water	:	log Pow: 3.32			
Mobil	ity in soil					
Comp	onents:					
fenbe	ndazole:					
	ution among environ- I compartments	:	log Koc: 3.8 - 4.7 Method: FDA 3.0			
Other	adverse effects					
No da	ta available					
ction 13	: Disposal considerat	ions	6			
-	sal methods					
Waste	from residues	:		f waste into sewer. cordance with local regulations.		
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. 			
Conta	minated packaging	:	dling site for recy	cling or disposal.		
ction 14	: Transport informatio	: on	dling site for recy	cling or disposal.		
ction 14		: on	dling site for recy	cling or disposal.		
ction 14 Intern UNRT	: Transport informatio ational Regulations DG	: on	dling site for recy If not otherwise s	cling or disposal.		
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••••	number	: UN 3077	
Prop	Proper shipping name		ENTALLY HAZARDOUS SUBSTANCE, SOLID,
Clas		: 9	
Pac Lab	king group	: III : 9	
	S Code	. 9 : F-A, S-F	
	ine pollutant	: yes	
Trai	nsport in bulk accordi	ng to Annex II of M	IARPOL 73/78 and the IBC Code
	applicable for product a	-	
Nati	onal Regulations		
NZS	5433		
UN	number	: UN 3077	
Prop	per shipping name	: ENVIRONM N.O.S. (fenbendaz	ENTALLY HAZARDOUS SUBSTANCE, SOLID,
Clas	S	: 9	
	king group	: 111	
Lab		: 9	
	chem Code	: 2Z	
ividi	ine pollutant	: no	

Special precautions for user

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

Section 15: Regulatory information

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

HSNO Approval Number

not allocated

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	:	30.09.2023
Further information		



Vers 6.1	sion	Revision Date: 30.09.2023		0S Number: 16963-00012	Date of last issue: 04.04.2023 Date of first issue: 17.07.2020	
	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 Agency, http://echa.europa.eu/		
	Date format		:	dd.mm.yyyy		
	Full text of other abbreviation		ons			
	ACGIH NZ OEL		:	USA. ACGIH Threshold Limit Values (TLV) New Zealand. Workplace Exposure Standards for Atmosphe ic Contaminants		
ACGIH / TWA NZ OEL / WES-TWA NZ OEL / WES-STEL		:	8-hour, time-weighted average Workplace Exposure Standard - Time Weighted average Workplace Exposure Standard - Short-Term Exposure Limit			

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





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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.

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