

according to the Globally Harmonized System

Ivermectin Formulation

Versio 6.0	n Revision Date: 28.09.2024		S Number: 97522-00015	Date of last issue: 06.07.2024 Date of first issue: 30.06.2020
1. PRC	DUCT AND COMPANY ID	ENT	IFICATION	
P	roduct name	:	Ivermectin Form	ulation
м	anufacturer or supplier's o	detai	ils	
С	ompany	:	MSD	
A	ddress	:	Briahnager - Off Wagholi - Pune -	Pune Nagar Road - India 412 207
Т	elephone	:	+1-908-740-400	0
E	mergency telephone numbe	r:	+1-908-423-600	0

E-mail address	:	EHSDATASTEWARD@msd.com

Recommended use of the chemical and restrictions on use

Recommended use	:	Veterinary product
Restrictions on use	:	Not applicable

2. HAZARDS IDENTIFICATION

Manufacture, Storage and Import of Hazardous Chemicals Rules 1989

Classification

Not classified as hazardous according to criteria laid down in Part I of Schedule-1.

GHS Classification		
Acute toxicity (Oral)	:	Category 5
Specific target organ toxicity - single exposure (Oral)	:	Category 2 (Central nervous system)
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Central nervous system)
Short-term (acute) aquatic hazard	:	Category 1
Long-term (chronic) aquatic hazard	:	Category 1
GHS label elements		
Hazard pictograms	:	

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l word	: Warning	
rd statements	H371 May swallowed. H373 May through pro	be harmful if swallowed. cause damage to organs (Central nervous system) cause damage to organs (Central nervous system) blonged or repeated exposure if swallowed. toxic to aquatic life with long lasting effects.
utionary statements	P260 Do n P264 Wasl P270 Do n	n: ot breathe mist or vapours. n hands thoroughly after handling. ot eat, drink or smoke when using this product. d release to the environment.
	P301 + P3 P308 + P3 cal help im	17 IF SWALLOWED: Get medical help. 16 IF exposed or concerned: Get emergency medi-
	Storage: P405 Store	e locked up.
		ose of contents/ container to an approved waste ant.
	28.09.2024 I word rd statements	28.09.2024 6097522-00015 I word : Warning rd statements : H303 May H371 May swallowed. H373 May through pro H410 Very utionary statements : Prevention P260 Do n P264 Wasl P270 Do n P273 Avoid Response P301 + P3 P308 + P3 cal help im P391 Colle Storage: P405 Store Disposal:

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Componenta		
Chemical name	CAS-No.	Concentration (%
		w/w)
Ivermectin	70288-86-7	>= 1 - < 2.5
2,6-Di-tert-butyl-p-cresol	128-37-0	>= 0.25 - < 1

4. FIRST AID MEASURES

None known.

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 if symptoms occur.
In case of skin contact	: Wash with water and soap as a precaution. Get medical attention if symptoms occur.
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 unless directed to do



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	and eff delayed Protect	nportant symptoms ects, both acute and d ion of first-aiders to physician	:	Never give anythi May be harmful if May cause damage May cause damage exposure if swall First Aid responder and use the recorr when the potentia	tion. oughly with water. ng by mouth to an unconscious person. swallowed. ge to organs if swallowed. ge to organs through prolonged or repeated
5. F	IREFIG	HTING MEASURES			
	Suitabl	e extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical	
	Unsuita media	able extinguishing	:	None known.	
	Specifi fighting	c hazards during fire- I	:	Exposure to comb	pustion products may be a hazard to health.
	Hazard ucts	lous combustion prod-	:	Carbon oxides	
	Specifi ods	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
	Specia for firef	l protective equipment ighters	:		e, wear self-contained breathing apparatus. tective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective equipment 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.



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	ds and materials for nment and cleaning up	For large spills, ment to keep m be pumped, sto Clean up remain bent. Local or nationa posal of this ma employed in the mine which regu Sections 13 and	ert absorbent material. provide dyking or other appropriate contain- aterial from spreading. If dyked material can re recovered material in appropriate container. hing materials from spill with suitable absor- I regulations may apply to releases and dis- terial, as well as those materials and items cleanup of releases. You will need to deter- ulations are applicable. I 15 of this SDS provide information regarding hational requirements.

7. HANDLING AND STORAGE

Technical measures Local/Total ventilation Advice on safe handling	 See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. Use only with adequate ventilation. Do not breathe mist or vapours. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	: Keep in properly labelled containers. Store locked up.
Materials to avoid	 Store in accordance with the particular national regulations. Do not store with the following product types: Strong oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

:

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Ivermectin	70288-86-7	TWA	30 µg/m3 (OEB 3)	Internal
	Further information: Skin			
		Wipe limit	300 µg/100 cm2	Internal
2,6-Di-tert-butyl-p-cresol	128-37-0	TWA (Inhal- able fraction and vapor)	2 mg/m3	ACGIH

Engineering measures

Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip-less quick connections).

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		de pro Co are the me	sign and oper otect products intainment tec e required to c	controls should be implemented by facility ated in accordance with GMP principles to , workers, and the environment. chnologies suitable for controlling compounds control at source and to prevent migration of o uncontrolled areas (e.g., open-face contain- andling.
Perse	onal protective equip	ment		
Fil	iratory protection Iter type protection	su on	re assessmen	l exhaust ventilation is not available or expo- t demonstrates exposures outside the rec- elines, use respiratory protection.
Ma	aterial	: Ch	emical-resista	ant gloves
	emarks protection	: We If t mi We po	he work envir sts or aerosol ear a faceshie	gloving. sees with side shields or goggles. onment or activity involves dusty conditions, s, wear the appropriate goggles. Id or other full face protection if there is a ct contact to the face with dusts, mists, or
Skin a	and body protection	: Wo Ac be su Us	ork uniform or ditional body ing performed its) to avoid ex	laboratory coat. garments should be used based upon the task (e.g., sleevelets, apron, gauntlets, disposable kposed skin surfaces. degowning techniques to remove potentially
Hygie	ene measures	: If e flu pla Wi Wi Th en ap	exposure to ch shing systems ice. hen using do r ash contamina e effective op gineering con propriate dege lustrial hygien	nemical is likely during typical use, provide eye and safety showers close to the working not eat, drink or smoke. ated 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 ative controls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	oily
Colour	:	light yellow
Odour	:	characteristic
Odour Threshold	:	No data available
рН	:	No data available



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	Melting point/freezing point		:	No data available	
	Initial b range	poiling point and boiling	:	167.5 °C	
	Flash _I	point	:	219.2 °C	
	Evapo	ration rate	:	No data available	
	Flamm	ability (solid, gas)	:	Not applicable	
	Flamm	ability (liquids)	:	No data available	
		explosion limit / Upper ability limit	:	No data available	
		explosion limit / Lower ability limit	:	No data available	
	Vapou	r pressure	:	No data available	
	Relativ	ve vapour density	:	No data available	
	Relativ	ve density	:	0.88 - 0.92	
	Densit	у	:	No data available	
		lity(ies) ter solubility	:	practically insolut	ble
		on coefficient: n-	:	Not applicable	
		l/water gnition temperature	:	No data available	
	Decom	nposition temperature	:	No data available	
	Viscos Vis	ity cosity, kinematic	:	No data available	
	Explos	ive properties	:	Not explosive	
	Oxidizi	ing properties	:	The substance or	mixture is not classified as oxidizing.
	Molecu	ular weight	:	No data available	
	Particle Particle	e characteristics e size	:	Not applicable	
10. 3	STABIL	ITY AND REACTIVITY	,		
	Reacti Chemi	vity cal stability	:	Not classified as Stable under nor	a reactivity hazard. nal conditions.



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ersion D	Revision Date: 28.09.2024		97522-00015	Date of last issue: 06.07.2024 Date of first issue: 30.06.2020
tions Cond Incom	bility of hazardous reac- itions to avoid npatible materials rdous decomposition acts	:	None known. Oxidizing agents	rrong oxidizing agents.
. TOXIC	OLOGICAL INFORMAT		N	
Inforn expos	nation on likely routes of sure	:	Inhalation Skin contact Ingestion Eye contact	
	e toxicity be harmful if swallowed.			
Prod				
Acute	e oral toxicity	:	Acute toxicity esti Method: Calculati	mate: 5,000 mg/kg on method
Acute	e dermal toxicity	:	Acute toxicity esti Method: Calculati	mate: > 5,000 mg/kg on method
<u>Com</u>	oonents:			
lverm	nectin:			
Acute	e oral toxicity	:	LD50 (Rat): 50 m	g/kg
			LD50 (Mouse): 28	5 mg/kg
			Symptoms: Vomi	> 24 mg/kg entral nervous system ting, Dilatation of the pupil rtality observed at this dose.
Acute	inhalation toxicity	:	LC50 (Rat): 5.11 Exposure time: 1 Test atmosphere:	h
Acute	e dermal toxicity	:	LD50 (Rabbit): 40)6 mg/kg
			LD50 (Rat): > 660) mg/kg
2,6-D	i-tert-butyl-p-cresol:			
Acute	e oral toxicity	:	LD50 (Rat): > 6,0 Method: OECD T	
Acute	e dermal toxicity	:		00 mg/kg est Guideline 402 substance or mixture has no acute dermal

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ersion .0	Revision Date: 28.09.2024	-	OS Number: 97522-00015	Date of last issue: 06.07.2024 Date of first issue: 30.06.2020
Skin	corrosion/irritation			
•••••	lassified based on ava	ailable	information.	
Com	ponents:			
lvern	nectin:			
Spec		:	Rabbit	
Resu	llt	:	No skin irritatior	ו
2,6-D)i-tert-butyl-p-cresol:			
Spec	ies	:	Rabbit	
Meth		:	OECD Test Gui	
Resu Rema		:	No skin irritation	า from similar materials
		•	Dasca on data	nom similar matchais
Serio	ous eye damage/eye	irritati	on	
Not c	lassified based on ava	ailable	information.	
Com	ponents:			
lvern	nectin:			
Spec	ies	:	Rabbit	
Resu	ilt	:	Mild eye irritatio	n
2,6-D)i-tert-butyl-p-cresol:			
Spec	ies	:	Rabbit	
Meth		:	OECD Test Gui	
Resu		:	No eye irritation	
Rema	arks	:	Based on data f	from similar materials
Resp	piratory or skin sensi	tisatio	on	
-	sensitisation			
Not c	lassified based on ava	ailable	information.	
Deen	viratory consitisation			

Respiratory sensitisation

Not classified based on available information.

Components:

Ivermectin:

Exposure routes Species Result	:	Dermal
Species	:	Humans
Result	:	Does not cause skin sensitisation.

2,6-Di-tert-butyl-p-cresol:

Test Type Exposure routes Species Result	: Human repeat insult patch test (HRIPT)
Exposure routes	: Skin contact
Species	: Humans
Result	: negative

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ersion .0	Revision Date: 28.09.2024	SDS Number: 6097522-00015	Date of last issue: 06.07.2024 Date of first issue: 30.06.2020
	a cell mutagenicity lassified based on av	ailable information.	
<u>Comp</u>	oonents:		
lverm	ectin:		
Geno	toxicity in vitro	: Test Type: Bao Result: negativ	cterial reverse mutation assay (AMES) e
		thesis in mamr	A damage and repair, unscheduled DNA sy nalian cells (in vitro) uman diploid fibroblasts e
		Test Type: Mo Result: negativ	use Lymphoma e
2,6-D	i-tert-butyl-p-cresol:		
Geno	toxicity in vitro	: Test Type: Bao Result: negativ	sterial reverse mutation assay (AMES) e
		Test Type: In v Result: negativ	itro mammalian cell gene mutation test e
		Test Type: Chr Result: negativ	omosome aberration test in vitro e
Geno	toxicity in vivo		
II Carci	nogenicity		
	assified based on av	ailable information.	
Com	oonents:		
lverm	nectin:		
Speci		: Rat	
Applic	cation Route	: Oral : 1.5 mg/kg body	(weight
Resu	lt	: negative	-
Rema	arks	: Based on data	from similar materials
Speci		: Mouse	
Applio NOAE	cation Route	: Oral : 2.0 mg/kg body	/ weight
Resu		: negative	/ worgint
Rema	arks		from similar materials

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ersion 0	Revision Date: 28.09.2024	SDS Number: 6097522-00015	Date of last issue: 06.07.2024 Date of first issue: 30.06.2020
Spec Appli	cation Route sure time	: Rat : Ingestion : 22 Months : negative	
Not c	oductive toxicity lassified based on avai ponents:	lable information.	
	nectin: ts on fertility		
Effec ment	ts on foetal develop-	Result: Teratog	e
		Result: Embryc spring were de	ute: Oral I Toxicity: LOAEL: 0.4 mg/kg body weight btoxic effects and adverse effects on the off- tected. mechanism or mode of action may not be rele
			it
	i-tert-butyl-p-cresol: ts on fertility	: Test Type: Two Species: Rat Application Ro Result: negativ	
Effec ment	ts on foetal develop-	: Test Type: Em Species: Rat Application Ro Result: negativ	

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		11	
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May	「 - single exposure cause damage to organ conents:	ns (Central nervous	system) if swallowed.
Targe	nectin: et Organs ssment	: Central nervo : Causes dama	age to organs.
May o	- repeated exposure cause damage to organ illowed.		system) through prolonged or repeated exposure
Com	ponents:		
lvern	nectin:		
	et Organs ssment	: Central nervo : Causes dama exposure.	ous system age to organs through prolonged or repeated
2,6-D	i-tert-butyl-p-cresol:		
Asse	ssment		t health effects observed in animals at concentra- ng/kg bw or less.
Repe	ated dose toxicity		
Com	oonents:		
lverm	nectin:		
Expo	EL EL cation Route sure time et Organs	: Dog : 0.5 mg/kg : 1 mg/kg : Oral : 14 Weeks : Central nervo : Dilatation of t	us system he pupil, Tremors, Lack of coordination, anorexia
	EL cation Route sure time	: Monkey : 1.2 mg/kg : Oral : 2 Weeks : No significant	adverse effects were reported
Expo	ΞL	: Rat : 0.4 mg/kg : 0.8 mg/kg : Oral : 3 Months : spleen, Bone	marrow, Kidney
2,6-D	i-tert-butyl-p-cresol:	: Rat	



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Ap	DAEL plication Route posure time	:	25 mg/kg Ingestion 22 Months	
As	piration toxicity			
No	t classified based on availa	ble	information.	
Ex	perience with human exp	osı	ıre	
<u>Co</u>	mponents:			
Ski Eye	rmectin: n contact e contact estion	:	Remarks: May irri Symptoms: Drows	absorbed through skin. tate eyes. siness, Dilatation of the pupil, Tremors, Vom- ck of coordination
12. ECC	DLOGICAL INFORMATION	N		
-				
	otoxicity			
<u>Co</u>	mponents:			
	rmectin: xicity to fish	:	LC50 (Oncorhync Exposure time: 96	hus mykiss (rainbow trout)): 0.003 mg/l 3 h
			LC50 (Lepomis m Exposure time: 96	acrochirus (Bluegill sunfish)): 0.0048 mg/l 3 h
	xicity to daphnia and other uatic invertebrates	:	EC50 (Daphnia m Exposure time: 48	agna (Water flea)): 0.000025 mg/l 3 h
To: pla	xicity to algae/aquatic nts	:	EC50 (Pseudokir mg/l Exposure time: 72 Method: OECD To	
			NOEC (Pseudoki mg/l Exposure time: 72 Method: OECD Te	
M-I icit	Factor (Acute aquatic tox- y)	:	10,000	
	Factor (Chronic aquatic icity)	:	10,000	
2,6	-Di-tert-butyl-p-cresol:			
	xicity to fish	:	Exposure time: 96	(zebra fish)): > 0.57 mg/l 5 h 67/548/EEC, Annex V, C.1.



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ersion)	Revision Date: 28.09.2024		OS Number: 97522-00015	Date of last issue: 06.07.2024 Date of first issue: 30.06.2020
	ity to daphnia and other tic invertebrates	:	Exposure time:	magna (Water flea)): 0.48 mg/l 48 h Test Guideline 202
Toxic plants	ity to algae/aquatic S	:	0.24 mg/l Exposure time:	okirchneriella subcapitata (green algae)): > 72 h Test Guideline 201
			mg/l Exposure time:	okirchneriella subcapitata (green algae)): 0.: 72 h Test Guideline 201
M-Fa icity)	ctor (Acute aquatic tox-	:	1	
Toxic	ity to microorganisms	:	EC50: > 10,000 Exposure time: Method: OECD	
Toxic icity)	ity to fish (Chronic tox-	:	Exposure time: Species: Oryzia	
	ity to daphnia and other tic invertebrates (Chron- icity)	:	Exposure time:	
M-Fa toxicit	ctor (Chronic aquatic ty)	:	1	
Persi	stence and degradabili	ity		
<u>Com</u>	ponents:			
	nectin: egradability	:	Result: Not rea Biodegradation Exposure time:	
2,6-D	i-tert-butyl-p-cresol:			
Biode	gradability	:	Biodegradation Exposure time:	



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Bioaccur	nulative potential	I				
Compone	ents:					
Ivermecti	in:					
Bioaccum	nulation	:	Bioconcentratio	on factor (BCF): 74		
Partition coefficient: n- octanol/water			log Pow: 3.22			
2,6-Di-ter	t-butyl-p-cresol:					
Bioaccum		:		nus carpio (Carp) on factor (BCF): 330 - 1,800		
Partition c	coefficient: n- ater	:	log Pow: 5.1			
Mobility i No data a						
Other ad No data a	verse effects vailable					
		NIS				
. DISI 03AI	LOONOIDERATIC					
Disposal	methods					
Waste fro	m residues	: Do not dispose of waste into sewer.				
Contamin	ated packaging	:	Empty contained dling site for red	n accordance with local regulations. ainers should be taken to an approved waste har recycling or disposal. <i>r</i> ise specified: Dispose of as unused product.		
I. TRANSPO	RT INFORMATIO	N				
Internetic	nal Degulations					
	onal Regulations					
UNRTDG UN numb		:	UN 3082			
•••••••	ipping name	:	ENVIRONMEN N.O.S.	TALLY HAZARDOUS SUBSTANCE, LIQUII 6-Di-tert-butyl-p-cresol)		
Class		:	9			
Packing g	Jroup	:	 			
Labels Environm	entally hazardous	:	9 yes			
	-	•	,00			
IATA-DG UN/ID No			UN 3082			
Proper shipping name		:	Environmentally hazardous substance, liquid, n.o.s. (Ivermectin, 2,6-Di-tert-butyl-p-cresol)			
Class		:	9			
Packing g Labels	Iroup	:	III Miscellaneous			
	յւսսբ	:				



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Packing instruction (cargo aircraft)		:	964			
Packing instruction (passen- ger aircraft)		:	964			
Envi	Environmentally hazardous		yes			
IMDG-Code						
UN number		:	UN 3082			
Proper shipping name		:	 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ivermectin, 2,6-Di-tert-butyl-p-cresol) 			
Clas	Class		9			
Pack	Packing group		III			
Labe	Labels		9			
EmS	EmS Code		F-A, S-F			
Marine pollutant		:	yes			

Transport in bulk according to IMO instruments

Not applicable for product as supplied.

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.

15. REGULATORY INFORMATION

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

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

AICS	:	not determined
DSL	:	not determined
IECSC	:	not determined

16. OTHER INFORMATION

Revision Date	:	28.09.2024		
Further information				
Sources of key data used to compile the Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/		
Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.				

Date format	:	dd.mm.yyyy
Full text of other abbreviatio	ns	
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)

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ACGIH / TWA

8-hour, time-weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration: NO(A)EL - No Observed (Adverse) Effect Level: NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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