

according to the Hazardous Products Regulations

Ivermectin (2%) Formulation

Version 3.5	Revision Date: 11/27/2023		DS Number:)679091-00010	Date of last issue: 09/30/2023 Date of first issue: 05/05/2022
SECTION 1. IDENTIFICATION				
	uct name means of identification	:	Ivermectin (2%) F Coopers Blowfly a	ormulation and Lice Jetting Fluid (61069)

	•	ivernedun (2%) Fornulation
her means of identification	:	Coopers Blowfly and Lice Jetting Fluid (61069)

Manufacturer or supplier's details

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

	dan	ce with the Hazardous Products Regulations
Eye irritation	:	Category 2A
Specific target organ toxicity - single exposure (Oral)	:	Category 1 (Central nervous system)
Specific target organ toxicity - repeated exposure (Oral)	:	Category 1 (Central nervous system)
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H319 Causes serious eye irritation. H370 Causes damage to organs (Central nervous system) if swallowed. H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure if swallowed.
Precautionary Statements	:	Prevention: P260 Do not breathe mist or vapors. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear eye protection and face protection.
		Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water

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		to do. Continue P308 + P311 IF	ites. Remove contact lenses, if present and easy rinsing. exposed or concerned: Call a doctor. eye irritation persists: Get medical attention.
		Storage: P405 Store lock	ed up.
		Disposal: P501 Dispose o disposal plant.	f contents and container to an approved waste
••	r hazards e known.		

Substance / Mixture : Mixture

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Polyalkylene oxide derivative of a synthetic alcohol	No data availa- ble	103818-93-5	38
Propylene glycol	1,2-Propanediol	57-55-6	19
Ivermectin	No data availa- ble	70288-86-7	2

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 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	:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.
If swallowed	:	If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	Causes damage to organs through prolonged or repeated exposure if swallowed.



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Protection of first-aiders Notes to physician		:	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). Treat symptomatically and supportively.		
		. FIRE-FIGHTING ME	ASL		
S	Suitable	e extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical	
	Jnsuita nedia	able extinguishing	:	None known.	
S		c hazards during fire	:	Exposure to com	pustion products may be a hazard to health.
Н		ous combustion prod-	:	Carbon oxides Metal oxides Oxides of phosph	orus
	Specific 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
		l protective equipment fighters	:	In the event of fire	e, wear self-contained breathing apparatus. rective equipment.
SECTION 6. ACCIDENTAL RELEASE MEASURES					
ti	ive equ	al precautions, protec- uipment and emer- procedures	:	Follow safe handl	ective equipment. ing advice (see section 7) and personal ent recommendations (see section 8).

Environmental precautions	 Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	 Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding





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certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

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 breathe mist or vapors. Do not swallow. Do not get in 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 assessment 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 labeled containers. Store locked up. Store in accordance with the particular national regulations.
Materials to avoid	:	Do not store with the following product types: Strong oxidizing agents Self-reactive substances and mixtures Organic peroxides Explosives Gases

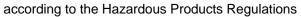
SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

0 1	•			
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Propylene glycol	57-55-6	TWA (Va- pour and aerosols)	50 ppm 155 mg/m³	CA ON OEL
		TWA (aero- sol)	10 mg/m³	CA ON OEL
Ivermectin	70288-86-7	TWA	30 µg/m3 (OEB 3)	Internal
	Further inform	ation: Skin		
		Wipe limit	300 µg/100 cm2	Internal

Ingredients with workplace control parameters

Engineering measures

 Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., dripless quick connections).
 All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.
 Containment technologies suitable for controlling compounds





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		the compou containmen	I to control at source and to prevent migration of nd to uncontrolled areas (e.g., open-face t devices). en handling.
Perso	onal protective equip	nent	
Resp	iratory protection	exposure as	local exhaust ventilation is not available or sessment demonstrates exposures outside the ed guidelines, use respiratory protection.
	lter type protection	: Particulates	
Ma	aterial	: Chemical-re	esistant gloves
	emarks protection	: Wear safety If the work e mists or aer Wear a face	puble gloving. y glasses with side shields or goggles. environment or activity involves dusty conditions, osols, wear the appropriate goggles. eshield or other full face protection if there is a direct contact to the face with dusts, mists, or
Skin a	and body protection	Additional b task being p disposable s	m or laboratory coat. ody garments should be used based upon the performed (e.g., sleevelets, apron, gauntlets, suits) to avoid exposed skin surfaces. riate degowning techniques to remove potentially ed clothing.
Hygie	ene measures	: If exposure eye flushing working play When using Wash conta The effectiv engineering appropriate industrial hy	to chemical is likely during typical use, provide systems and safety showers close to the

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Color:Clear white to yellow., Straw-coloredOdor:No data availableOdor Threshold:No data availablepH:No data availableMelting point/freezing point:No data availableInitial boiling point and boiling:No data available	Appearance	:	liquid	
Odor Threshold:No data availablepH:No data availableMelting point/freezing point:No data availableInitial boiling point and boiling:No data available	Color	:	Clear white to yellow., Straw-colored	
pH:No data availableMelting point/freezing point:No data availableInitial boiling point and boiling:No data available	Odor	:	No data available	
Melting point/freezing point : No data available Initial boiling point and boiling : No data available	Odor Threshold	:	No data available	
Initial boiling point and boiling : No data available	рН	:	No data available	
	Melting point/freezing point	:	No data available	
		:	No data available	

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	Flash p	oint	:	No data available	
		ation rate		No data available	
	•			No data available	
		ability (solid, gas)	•		
	Flamma	ability (liquids)	:	Not applicable	
		explosion limit / Upper bility limit	:	No data available	
		explosion limit / Lower bility limit	:	No data available	
	Vapor p	ressure	:	No data available	
	Relative	e vapor density	:	No data available	
	Relative	edensity	:	No data available	
	Density		:	No data available	
	Solubilit				
	Wate	er solubility	:	No data available	
	Partitior octanol/	n coefficient: n- /water	:	Not applicable	
		ition temperature	:	No data available	
	Decomp	position temperature	:	No data available	
	Viscosit Visc	y osity, kinematic	:	No data available	
	Explosiv	ve properties	:	Not explosive	
	Oxidizir	g properties	:	The substance or	mixture is not classified as oxidizing.
	Molecul	ar weight	:	No data available	
	Particle	size	:	Not applicable	

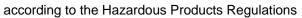
SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac-	:	Can react with strong oxidizing agents.
tions		
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents



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	ition products are known.	n :	Hazardous decomposition products		
		ORMATION	AL INFO	11. TOXICOLOGICAI	ECTION 1
		exposure	ites of o	nation on likely route	Inform Inhalat
					Skin co
					Ingesti
					Eye co
		information	vailahle	toxicity assified based on ava	
			Valiable		Produc
	2,000 mg/kg	Acute toxicity es	:	oral toxicity	-
		Method: Calcula		·	
		Acute toxicity es Method: Calcula	:	dermal toxicity	Acute of
				onents:	Compo
				lene glycol:	Propyl
		LD50 (Rat): 22,0	:	oral toxicity	Acute of
		LC50 (Rat): > 44	:	inhalation toxicity	Acute i
	- t	Exposure time: 4			
	51	Test atmosphere			
to dormal	g/kg ce or mixture has no acute de	LD50 (Rabbit): >	:	dermal toxicity	Acute of
le dermai		toxicity			
				ectin:	lverme
		LD50 (Rat): 50 r	:	oral toxicity	Acute of
		LD50 (Mouse): 2			
	кg	LD50 (Monkey):			
	ervous system tation of the pupil	Target Organs: (
	served at this dose.				
		1 C50 (Pat) 5 44		inhalation tovisity	A quita i
		LC50 (Rat): 5.11 Exposure time: 7	:	inhalation toxicity	
	st	Test atmosphere			
		LD50 (Rabbit): 4	:	dermal toxicity	Acute of
		1 D50 (Pat): > 66			
		Test atmosphere	:	dermal toxicity	Acute o





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-	corrosion/irritation lassified based on ava	ailable	information.	
	oonents:			
	alkylene oxide deriva	tive o	f a synthetic alco	phol:
Speci	•	:	-	iman epidermis (RhE)
Metho		:	OECD Test Guid	
Resu	lt	:	No skin irritation	
Prop	ylene glycol:			
Speci	es	:	Rabbit	
Metho		:	OECD Test Guid	leline 404
Resu	lt	:	No skin irritation	
lverm	nectin:			
Speci		:	Rabbit	
Resu	lt	:	No skin irritation	
Cause	us eye damage/eye i es serious eye irritatio ponents:		on	
Polya	alkylene oxide deriva	tive o	of a synthetic alco	ohol:
Speci	es	:	Bovine cornea	
Metho	bd	:	OECD Test Guid	leline 437
Resu	lt	:	Irritation to eyes,	reversing within 21 days
Prop	ylene glycol:			
Speci		:	Rabbit	
Resu		:	No eye irritation	
Metho	bd	:	OECD Test Guid	leline 405
lverm	nectin:			
Speci		:	Rabbit	
Resu	lt	:	Mild eye irritation)
Resp	iratory or skin sensi	tizatio	n	
-	iratory or skin sensitisensitis	tizatio	n	

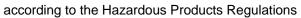
Respiratory sensitization

Not classified based on available information.



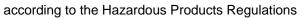
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<u>Comp</u>	onents:			
Propy	lene glycol:			
Test T	•••	:	Maximization Te	st
Routes	s of exposure	:	Skin contact	
Specie		:	Guinea pig	
Result		:	negative	
lverme	ectin:			
Routes	s of exposure	:	Dermal	
Specie		:	Humans	
Result		:	Does not cause	skin sensitization.
Germ	cell mutagenicity			
Not cla	assified based on av	ailable	information.	
<u>Comp</u>	<u>onents:</u>			
	lene glycol:			
Genote	oxicity in vitro	:	Result: negative	erial reverse mutation assay (AMES)
				mosome aberration test in vitro Test Guideline 473
Genoto	oxicity in vivo	:	cytogenetic assa Species: Mouse	malian erythrocyte micronucleus test (in vi ay) e: Intraperitoneal injection
lverme	ectin:			
Genote	oxicity in vitro	:	Test Type: Bactor Result: negative	erial reverse mutation assay (AMES)
			thesis in mamma	damage and repair, unscheduled DNA syr alian cells (in vitro) man diploid fibroblasts
			Test Type: Mous Result: negative	e Lymphoma
	nogenicity assified based on av	ailable	information.	
	onents:			
	lene glycol:			
Specie		:	Rat	
	ation Route	:	Ingestion	



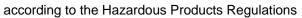


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	Exposu Result	ire time	:	2 Years negative	
	NOAEL Result Remark	s tion Route ks s tion Route		Mouse Oral 2.0 mg/kg body w negative	m similar materials
	-	luctive toxicity ssified based on availa onents:	ble	information.	
		ene glycol: on fertility	:	Test Type: Two-g Species: Mouse Application Route Result: negative	eneration reproduction toxicity study : Ingestion
	Effects	on fetal development	:	Test Type: Embry Species: Mouse Application Route Result: negative	o-fetal development : Ingestion
	Iverme Effects	ctin: on fertility	:		
	Effects	on fetal development	:	Result: Teratogen	





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		offspring were detected. Remarks: The mechanism or mode of action may not be rele- vant in humans.
		Test Type: Development Species: Rabbit
		Application Route: Oral Result: Teratogenic effects., Embryotoxic effects and adverse effects on the offspring were detected only at high maternally toxic doses
	-single exposure	(Control nonyous system) if swellowed
	oonents:	(Central nervous system) if swallowed.
lverm	ectin:	
	et Organs ssment	Central nervous systemCauses damage to organs.
	-repeated exposure	
Cause swallo		(Central nervous system) through prolonged or repeated exposure if
Comp	oonents:	
lverm	ectin:	
	et Organs ssment	 Central nervous system Causes damage to organs through prolonged or repeated exposure.
Repe	ated dose toxicity	
<u>Com</u>	oonents:	
Propy	ylene glycol:	
Speci NOAE		: Rat, male
	cation Route	: >= 1,700 mg/kg : Ingestion
	sure time	: 2 y
lverm	ectin:	
Speci		: Dog
NOAE LOAE		: 0.5 mg/kg : 1 mg/kg
	cation Route	: Oral
Expos	sure time	: 14 Weeks
Targe Symp	et Organs toms	Central nervous systemDilatation of the pupil, Tremors, Lack of coordination, anorex
Speci	es EL	: Monkey : 1.2 mg/kg





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	cation Route	: Oral	
Expos Rema	sure time arks	: 2 Weeks : No significant	adverse effects were reported
Speci		: Rat	
NOAE		: 0.4 mg/kg	
LOAE	L Cation Route	: 0.8 mg/kg : Oral	
	sure time	: 3 Months	
	et Organs		marrow, Kidney
Not c	ration toxicity lassified based on ava rience with human e		
	ponents:	posule	
	nectin:		
	contact	· Remarks: Car	be absorbed through skin.
	contact	: Remarks: May	0
Inges		: Symptoms: Dr	owsiness, Dilatation of the pupil, Tremors, Vom , Lack of coordination

Ecotoxicity

Components:

Polyalkylene oxide derivative of a synthetic alcohol:

Toxicity to fish	:	LC50 : > 1 - 10 mg/l Exposure time: 96 h Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 3.2 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Propylene glycol:		
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Ceriodaphnia dubia (water flea)): 18,340 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Skeletonema costatum (marine diatom)): 19,300 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC (Ceriodaphnia dubia (water flea)): 13,020 mg/l Exposure time: 7 d



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Toxicity to microorganisms		:	NOEC (Pseudomonas putida): > 20,000 mg/l Exposure time: 18 h		
lverm	ectin:				
Toxici	ty to fish	:	: LC50 (Oncorhynchus mykiss (rainbow trout)): 0.003 mg/l Exposure time: 96 h		
			LC50 (Lepomis m Exposure time: 96	acrochirus (Bluegill sunfish)): 0.0048 mg/l Sh	
	ty to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48	agna (Water flea)): 0.000025 mg/l 3 h	
Toxicity to algae/aquatic plants		:	 EC50 (Pseudokirchneriella subcapitata (green algae)): mg/l Exposure time: 72 h Method: OECD Test Guideline 201 		
			NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD To		
Persis	stence and degradabili	ity			
<u>Comp</u>	oonents:				
Polya	Ikylene oxide derivativ	/e o	f a synthetic alcol	hol:	
Biode	gradability	:	Result: Readily bi Remarks: Based of	odegradable. on data from similar materials	
	rlene glycol: gradability	:	Result: Readily bi Biodegradation: S Exposure time: 28 Method: OECD Te	98.3 %	
lverm	ectin:				
Biode	gradability	:	Result: Not readily Biodegradation: 5 Exposure time: 24	50 %	
Bioac	cumulative potential				
Comp	oonents:				
Partiti	rlene glycol: on coefficient: n- ol/water	:	log Pow: -1.07 Method: Regulatio	on (EC) No. 440/2008, Annex, A.8	



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	nectin:						
Bioac	cumulation	: Bioconcentratio	: Bioconcentration factor (BCF): 74				
	ion coefficient: n- ol/water	: log Pow: 3.22					
Mobi	lity in soil						
No da	ata available						
Other	r adverse effects						
No da	ata available						

SECTION 13. DISPOSAL CONSIDERATIONS

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

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG		
UN number	:	UN 3082
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ivermectin)
Class	:	9
Packing group	:	III
Labels	:	9
Environmentally hazardous	:	yes
IATA-DGR		
UN/ID No.	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (Ivermectin)
Class	:	9
Packing group	:	III
Labels	:	Miscellaneous
Packing instruction (cargo aircraft)	:	964
Packing instruction (passen- ger aircraft)	:	964
Environmentally hazardous	:	yes
IMDG-Code		
UN number	:	UN 3082
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ivermectin)
Class	:	9



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Labels EmS (: III : 9 : F-A, S-F : yes	
	port in bulk accordir	•	RPOL 73/78 and the IBC Code
Dome	stic regulation		
TDG UN nu Prope	mber r shipping name	: UN 3082 : ENVIRONMEI N.O.S. (Ivermectin)	NTALLY HAZARDOUS SUBSTANCE, LIQUID,
Labels ERG (: 9 : III : 9 : 171 : yes(Ivermectir	n)

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			
501					
DSL	:	not determined			
IECSC	:	not determined			

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

CA ON OEL	:	Ontario Table of Occupational Exposure Limits made under
		the Occupational Health and Safety Act.
CA ON OEL / TWA	:	Time-Weighted Average Limit (TWA)

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 Agency, http://echa.europa.eu/
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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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