



Version 2.1	Revision Date: 2024/09/28		S Number: 259176-00004	Date of last issue: 2023/09/20 Date of first issue: 2023/08/11	
1. PRODU	JCT AND COMPANY IE	DENT	IFICATION		
Prod	uct name	:	Insulin Porcine	(with Metacresol) Formulation	
	Manufacturer or supplier's deta Company :				
Addro	Address		126 E. Lincoln Avenue Rahway, New Jersey U.S.A. 07065		
Telep	Telephone		908-740-4000		
Emer	Emergency telephone number		1-908-423-6000		
E-ma	E-mail address		EHSDATASTEWARD@msd.com		
Reco	Recommended use of the chem Recommended use : Restrictions on use :			ions on use uct	

2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
m-Cresol	108-39-4	>= 0.025 -< 0.25
Insulin (ox), 8A-I-threonine-10A-I-isoleucine-	12584-58-6	< 10

4. FIRST AID MEASURES

If inhaled

: If inhaled, remove to fresh air. Get medical attention if symptoms occur.



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In c	ase of skin contact	:		and soap as a precaution.				
In c	ase of eye contact	:	Get medical attention if symptoms occur. Flush eyes with water as a precaution.					
lf sv	If swallowed		Get medical attention if irritation develops and persists. If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.					
and	st important symptoms effects, both acute and ayed	:	: None known.					
Prot	tection of first-aiders es to physician	:		utions are necessary for first aid responders. cally and supportively.				
5. FIREF	FIGHTING MEASURES							
Suit	able extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical					
Uns med	uitable extinguishing dia	:	None known.					
Spe figh	cific hazards during fire- ting	:	Exposure to com	pustion products may be a hazard to health.				
Haz ucts	ardous combustion prod-	:	No hazardous co	mbustion products are known				
Spe ods	cific extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. ged containers from fire area if it is safe to do				
	ecial protective equipment irefighters	:	essary.	ed breathing apparatus for firefighting if nec- tective equipment.				
6. ACCII	DENTAL RELEASE MEA	SUF	RES					
tive	sonal precautions, protec- equipment and emer- cy procedures	:		ing advice (see section 7) and personal pro- t recommendations (see section 8).				
Env	ironmental precautions	:	Prevent spreading barriers).	he environment. akage or spillage if safe to do so. g over a wide area (e.g. by containment or oil se of contaminated wash water.				

Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages



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		cannot be conta	ained.
Methods and materials for containment and cleaning up		For large spills, ment to keep m be pumped, sto Clean up remain bent. Local or national posal of this ma employed in the mine which reg Sections 13 an	ert absorbent material. provide dyking or other appropriate contain- naterial from spreading. If dyked material can pre recovered material in appropriate container. ining materials from spill with suitable absor- 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. d 15 of this SDS provide information regarding national requirements.
7. HANDI	LING AND STORAGE		
Tech	nnical measures		ng measures under EXPOSURE ERSONAL PROTECTION section.
	Il/Total ventilation ce on safe handling	 Use only with a Handle in acco practice, based sessment 	revent spills, waste and minimize release to the
	ditions for safe storage	: Keep in proper Store in accord	ly labelled containers. ance with the particular national regulations. th the following product types:
wate		Strong oxidizing	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
m-Cresol	108-39-4	NAB (Inhala- ble fraction and vapor)	20 ppm 22 mg/m3	ID OEL
	Further information: Not classified as carcinogenic to humans. Not enough data to classify these materials as carcinogenic to hu- mans or animals, Skin			
		TWA (Inhal- able fraction and vapor)	20 mg/m3	ACGIH
Insulin (ox), 8A-I-threonine- 10A-I-isoleucine-	12584-58-6	TWA	3 µg/m3 (OEB 4)	Internal



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Engineering measures		design protec Essen Use cl If hand	 All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Essentially no open handling permitted. Use closed processing systems or containment technologies If handled in a laboratory, use a properly designed biosafety cabinet, fume hood, or other containment device if the poten 				
		tial exi	sts for aer	osolization. If this potential does not exist, I trays or benchtops.			
Perso	onal protective equipm	ent					
Resp	iratory protection		No personal respiratory protective equipment normally re- quired.				
Hand	protection						
Ma	aterial	: Chemi	Chemical-resistant gloves				
	Remarks Eye protection		Consider double gloving. 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.				
Skin a	Skin and body protection		Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, dis- posable suits) to avoid exposed skin surfaces. Use appropriate degowning techniques to remove potentially contaminated clothing.				
Hygie 	ene measures	: If expo eye flu ing pla When Wash The ef engine approp industri	ssure to ch shing syst ice. using do n contamina fective ope eering cont priate dego rial hygiene	emical is likely during typical use, provide ems and safety showers close to the work- ot eat, drink or smoke. ted clothing before re-use. eration of a facility should include review of rols, proper personal protective equipment, owning and decontamination procedures, e monitoring, medical surveillance and the attive controls.			

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	suspension
Colour	:	white to off-white
Odour	:	No data available
Odour Threshold	:	No data available
рН	:	6.9 - 7.8

SAFETY DATA SHEET



Insulin Porcine (with Metacresol) Formulation

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	Melting	point/freezing point	:	No data available)
	Initial boiling point and boiling range		:	No data available)
	Flash p	oint	:	No data available)
	Evapora	ation rate	:	No data available	9
	Flamma	ability (solid, gas)	:	Not applicable	
	Flamma	ability (liquids)	:	No data available	9
		explosion limit / Upper bility limit	:	No data available)
		explosion limit / Lower bility limit	:	No data available)
	Vapour	pressure	:	No data available)
	Relative	e vapour density	:	No data available	9
	Relative	e density	:	No data available)
	Density		:	1.003 g/cm ³	
	Solubili Wate	ty(ies) er solubility	:	No data available	
		n coefficient: n-	:	Not applicable	
	octanol, Auto-igi	nition temperature	:	No data available)
	Decom	position temperature	:	No data available	9
	Viscosit Visc	ty osity, kinematic	:	No data available	9
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance of	r mixture is not classified as oxidizing.
	Molecu	lar weight	:	No data available	
	Particle Particle	characteristics size	:	Not applicable	

10. STABILITY AND REACTIVITY





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Possi tions Cond Incom Hazai produ	nical stability bility of hazardous reac- itions to avoid npatible materials rdous decomposition	:	Stable under no Can react with s None known. Oxidizing agents No hazardous d	trong oxidizing agents.
Inforn expos	nation on likely routes of sure	:	Inhalation Skin contact Ingestion Eye contact	
Acute	e toxicity			
Not c	lassified based on availa	ble i	nformation.	
Prod	<u>uct:</u>			
Acute	e oral toxicity	:	Acute toxicity est Method: Calculat	timate: > 2,000 mg/kg tion method
Acute	e dermal toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method	
<u>Com</u>	ponents:			
m-Cr				
Acute	e oral toxicity	:	LD50 (Rat): 121 Remarks: Based	mg/kg on data from similar materials
Acute	e inhalation toxicity	:	Assessment: Co	rrosive to the respiratory tract.
Acute	e dermal toxicity	÷	LD50 (Rabbit): 3 Remarks: Based	01 mg/kg on data from similar materials
Insul	in (ox), 8A-I-threonine-	10A	-l-isoleucine-:	
	e toxicity (other routes of nistration)	:	LD50 (Rat): > 36	mg/kg
-	corrosion/irritation lassified based on availa	ble i	nformation.	
Not c				
	ponents:			
<u>Com</u>	esol: ies	:	Rabbit Corrosive after 3	minutes to 1 hour of exposure
<u>Com</u> m-Cro Speci Resul	esol: ies	: : 10A	Corrosive after 3	minutes to 1 hour of exposure



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Serious eye damage/eye irritation

Not classified based on available information.

Components:

m-Cresol:

	Rabbit Irreversible effects on the eye
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Insulin (ox), 8A-I-threonine-10A-I-isoleucine-:

Remarks : No data available

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Components:

m-Cresol:

Genotoxicity in vitro	:	Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: positive
		Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative
Genotoxicity in vivo	:	Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis) Species: Mouse Application Route: Ingestion Method: OECD Test Guideline 475 Result: negative

Insulin (ox), 8A-I-threonine-10A-I-isoleucine-:

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Test system: Salmonella typhimurium Method: OECD Test Guideline 471 Result: negative
		Test Type: Chromosome aberration test in vitro Test system: Chinese hamster lung cells Method: OECD Test Guideline 473



sion	Revision Date: 2024/09/28	SDS Number: 11259176-00004	Date of last issue: 2023/09/20 Date of first issue: 2023/08/11
		Result: negative	2
		Result. Regative	
Genote	oxicity in vivo	Cell type: Bone	Test Guideline 475
Germ Asses	cell mutagenicity - sment	: Weight of evide cell mutagen.	nce does not support classification as a gerr
	nogenicity	lable information	
	assified based on avai	lable information.	
Comp	onents:		
m-Cre			
Specie	es ation Route	: Mouse, males	
	ure time	: Ingestion : 105 weeks	
Result		: equivocal	
Remai			from similar materials
Specie	es	: Mouse, female	
	ation Route	: Ingestion	
Expos	ure time	: 106 - 107 week	S
Result		: positive	
Remai	rks	: Based on data	from similar materials
Carcin ment	ogenicity - Assess-	: Weight of evide cinogen	nce does not support classification as a car-
Insulir	n (ox), 8A-I-threonine	e-10A-I-isoleucine-:	
Specie		: Rat	
	ation Route	: Subcutaneous	
	ure time	: 2 Years	
LOAEI		: 180 µg/kg	
Carcin ment	ogenicity - Assess-	: Weight of evide cinogen	nce does not support classification as a car-
Renro	ductive toxicity		
-	assified based on avai	lable information.	
<u>Comp</u>	onents:		
m-Cre	sol:		
Effects	s on fertility	: Test Type: Two Species: Rat Application Rou	-generation reproduction toxicity study



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Effec ment	ts on foetal develop-		Test Type: Pren Species: Rat Application Rou Result: negative		
Insu	lin (ox), 8A-I-threonine	e-10A-	l-isoleucine-:		
Effec	ts on fertility		Species: Rat Application Rou Fertility: NOAEL Symptoms: No e	lity/early embryonic development te: Intraperitoneal . Mating/Fertility: 360 µg/kg effects on fertility ts on fertility and early embryonic develop- cted.	
	T - single exposure	iloblo i	oformation		
	T - repeated exposure		nformation.		
	classified based on avail		nformation.		
Repe	eated dose toxicity				
<u>Com</u>	ponents:				
m-Cr	resol:				
	EL cation Route sure time	:	Rat 150 mg/kg Ingestion 13 Weeks OECD Test Guid	deline 408	
Insu	lin (ox), 8A-I-threonine	-10A-	l-isoleucine-:		
Spec			Rat		
Expo	cation Route sure time otoms	:	5.8 mg/kg Inhalation 6 Months Hypoglycemia		
Spec	ies	:	Monkey		
Appli Expo	cation Route osure time otoms	:	0.64 mg/kg Inhalation 6 Months Hypoglycemia		
		:	Rat 0.085 mg/kg Subcutaneous 1 Months		
Spec NOA			Dog 0.07 mg/kg		



Application Route :: Subcutaneous Exposure time :: 1 Months Aspiration toxicity Not classified based on available information. Exporience with human exposure Components: Insulin (ox), 8A-1-threonine-10A-1-isoleucine-: Inhalation Inhalation : Symptoms: Hypoglycemia, Fatigue, Drowsiness, Sweating, Headache, Nausea, Palpitation, tingling, numbness, altered mental status, Breathing difficulties Iz ECOLOGICAL INFORMATION Ecotoxicity Components:	/ersion .1	Revision Date: 2024/09/28		9S Number: 259176-00004	Date of last issue: 2023/09/20 Date of first issue: 2023/08/11
Exposure time : 1 Months Aspiration toxicity Not classified based on available information. Experience with human exposure Components: Insulin (ox), 8A-1-threonine-10A-1-isoleucine-: Inhalation : Symptoms: Hypoglycemia, Fatigue, Drowsiness, Sweating, Headache, Nausea, Palpitation, tingling, numbness, altered mental status, Breathing difficulties 2. ECOLOGICAL INFORMATION Ecotoxicity Components: m-Cresol: Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 8.6 mg/l Exposure time: 96 h Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): > 99.5 mg/l Exposure time: 48 h Toxicity to fish (Chronic tox- : : NOEC (Pimephales promelas (fathead minnow)): 1.35 mg/l Exposure time: 32 d Remarks: Based on data from similar materials MOEC (Daphnia magna (Water flea)): 1 mg/l Exposure time: 21 d Remarks: Based on data from similar materials Persistence and degradability Components: m-Cresol: m-Cresol: : NOEC (Daphnia magna (Water flea)): 1 mg/l Exposure time: 21 d Remarks: Based on data from similar materials Persistence and degradability : Result: Readily biodegradable. Biodegradability : Result: Readily biodegradable.<					
Exposure time : 1 Months Aspiration toxicity Not classified based on available information. Experience with human exposure Components: Insulin (ox), 8A-1-threonine-10A-1-isoleucine-: Inhalation : Symptoms: Hypoglycemia, Fatigue, Drowsiness, Sweating, Headache, Nausea, Palpitation, tingling, numbness, altered mental status, Breathing difficulties 2. ECOLOGICAL INFORMATION Ecotoxicity Components: m-Cresol: Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 8.6 mg/l Exposure time: 96 h Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): > 99.5 mg/l Exposure time: 48 h Toxicity to fish (Chronic tox- : : NOEC (Pimephales promelas (fathead minnow)): 1.35 mg/l Exposure time: 32 d Remarks: Based on data from similar materials MOEC (Daphnia magna (Water flea)): 1 mg/l Exposure time: 21 d Remarks: Based on data from similar materials Persistence and degradability Components: m-Cresol: m-Cresol: : NOEC (Daphnia magna (Water flea)): 1 mg/l Exposure time: 21 d Remarks: Based on data from similar materials Persistence and degradability : Result: Readily biodegradable. Biodegradability : Result: Readily biodegradable.<					
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Insulin (ox), 8A-I-threonine-10A-I-isoleucine-: Inhalation : Symptoms: Hypoglycemia, Fatigue, Drowsiness, Sweating, Headache, Nausea, Palpitation, tingling, numbness, altered mental status, Breathing difficulties Iz ECOLOGICAL INFORMATION Ecotoxicity Somponents:	Expe	erience with human exp	osı	ire	
Inhalation Symptoms: Hypoglycemia, Fatigue, Drowsiness, Sweating, Headache, Nausea, Palpitation, tingling, numbness, altered mental status, Breathing difficulties IzecoloGICAL INFORMATION Ecotoxicity Components:	Com	ponents:			
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Components: m-Cressol: Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 8.6 mg/l Exposure time: 96 h Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): > 99.5 mg/l Exposure time: 48 h Toxicity to fish (Chronic tox-icity) : NOEC (Pimephales promelas (fathead minnow)): 1.35 mg/l Exposure time: 32 d Remarks: Based on data from similar materials Toxicity to daphnia and other aquatic invertebrates (Chron-ic tox-icity) : NOEC (Daphnia magna (Water flea)): 1 mg/l Exposure time: 21 d Remarks: Based on data from similar materials Persistence and degradability : Result: Readily biodegradable. Biodegradablity m-Cresol: : Result: Readily biodegradable. Biodegradable. Biodegradablity Biodegradability : Result: Readily biodegradable. Biodegradable. Biodegradable. Biodegradation: 90 % Exposure time: 28 d Method: OECD Test Guideline 301D	2. ECOL	OGICAL INFORMATION	١		
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Components: m-Cresol: Biodegradability : Result: Readily biodegradable. Biodegradation: 90 % Exposure time: 28 d Method: OECD Test Guideline 301D Bioaccumulative potential	aqua	tic invertebrates (Chron-	:	Exposure time: 21	ld
Components: m-Cresol: Biodegradability : Result: Readily biodegradable. Biodegradation: 90 % Exposure time: 28 d Method: OECD Test Guideline 301D Bioaccumulative potential	Dere	istones and descedabili	4		
m-Cresol: Biodegradability : Result: Readily biodegradable. Biodegradation: 90 % Exposure time: 28 d Method: OECD Test Guideline 301D Bioaccumulative potential		-	τy		
Biodegradability : Result: Readily biodegradable. Biodegradation: 90 % Exposure time: 28 d Method: OECD Test Guideline 301D Bioaccumulative potential					
•			:	Biodegradation: 9 Exposure time: 28	90 % 3 d
Components:	Bioa	ccumulative potential			
	<u>Com</u>	ponents:			
m-Cresol:	m-Ci	resol:			



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Rioan	ccumulation		Species: Laucio	cus idus (Golden orfe)	
Dioac	cumulation	•		n factor (BCF): 17 - 20	
	ion coefficient: n- ol/water	:	log Pow: 1.96		
	lity in soil ata available				
	r adverse effects ata available				
3. DISPC	SAL CONSIDERATIO	NS			
-	osal methods				
	e from residues aminated packaging	:	Dispose of in ac	of waste into sewer. cordance with local regulations. s should be taken to an approved waste han	
Conta	anniated paeriaging	•	dling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.		
4. TRAN	SPORT INFORMATION	ł			
	SPORT INFORMATION	I			
Interi UNR ⁻	national Regulations TDG	ł			
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Further information



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F					
	IS Code rine pollutant	: Not applicable : Not applicable			
	ansport in bulk according t applicable for product as		POL 73/	/78 and the IBC Code	
-	ecial precautions for use t applicable	r			
15. REG		N			
Sat tur	•	nental regulations/le	gislatio	n specific for the substance or mix	(-
ter		lo. 87/M-IND/PER/9/2	009 cor	13 concerning the Revision of Mini ncerning Globally Harmonized Sys	
	gulation of the Minister c zardous to Health	of Health No. 472 of 1	996 on	the Safeguarding of Substances	
Ha	zardous substances that n	nust be registered	:	Not applicable	
	vernment Regulation No	. 74 of 2001 on the M	lanager	ment of Hazardous and Toxic Sub-	
Ha	zardous substances appro	ved for use	:	Not applicable	
Pro	bhibited substances		:	Not applicable	
Re	stricted substances		:	Not applicable	
	gulation of the Ministry o terials	of Trade No. 7 of 2022	2 on Dis	stribution and Control of Hazardou	S
	be of hazardous materials htrol, Annex I	subject to distribution	and :	Not applicable	
• •	pe of hazardous materials htrol, Annex II	subject to distribution	and :	Not applicable	
The	e components of this pro	oduct are reported in	the foll	lowing inventories:	
AIC	S	: not determined			
DS	L	: not determined			
IEC	CSC	: not determined			
16. OTH	IER INFORMATION				
Re	vision Date	: 2024/09/28			



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		es of key data used to e the Safety Data	:		data, data from raw material SDSs, OECD arch results and European Chemicals Agen- ropa.eu/
	Date fo	ormat	:	yyyy/mm/dd	
	Full te	xt of other abbreviati	ons		
	ACGIH ID OEL		:		eshold Limit Values (TLV) bational Exposure Limits
		I / TWA _ / NAB	:	8-hour, time-weig Long term exposi	
	Land o	of Brazil; ASTM - Ame	ricar	n Society for the T	s; ANTT - National Agency for Transport by esting of Materials; bw - Body weight; CMR - DIN - Standard of the German Institute for

١r 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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