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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name		Ceftolozane / Tazobactam Injection Formulation
Manufacturer or supplier's	deta	ails
Company name of supplier	:	MSD
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@msd.com
Recommended use of the c	her	nical and restrictions on use
Recommended use	:	Pharmaceutical
Restrictions on use	:	Not applicable

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Respiratory sensitization	:	Category 1
Specific target organ toxicity - repeated exposure	:	Category 2 (Kidney, Liver)
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H334 May cause allergy or asthma symptoms or breathing diffi- culties if inhaled. H373 May cause damage to organs (Kidney, Liver) through prolonged or repeated exposure.
Precautionary Statements	:	Prevention: P260 Do not breathe dust. P284 Wear respiratory protection.
		Response: P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.
		Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.



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Other hazards

Dust contact with the eyes can lead to mechanical irritation. Contact with dust can cause mechanical irritation or drying of the skin. May form explosive dust-air mixture during processing, handling or other means.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Ceftolozane	689293-68-3	>= 30 -< 50
Tazobactam	89786-04-9	>= 10 -< 20
Sodium chloride	7647-14-5	>= 10 -< 20

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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
In case of skin contact	:	
In case of eye contact	:	If in eyes, rinse well with water.
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.
Most important symptoms and effects, both acute and	:	
delayed		May cause damage to organs through prolonged or repeated exposure.
		Excessive exposure may aggravate preexisting asthma and other respiratory disorders (e.g. emphysema, bronchitis, reactive airways dysfunction syndrome).
		Contact with dust can cause mechanical irritation or drying of the skin.
Protection of first-aiders	:	Dust contact with the eyes can lead to mechanical irritation. First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
Notes to physician	:	Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

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Suitable extinguishing media		:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical			
	Unsuita media	able extinguishing	:	None known.		
	media Specific hazards during fire fighting		:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Exposure to combustion products may be a hazard to health.		
	Hazardous combustion prod- ucts		:	Carbon oxides Metal oxides Chlorine compour Nitrogen oxides (l		
	Specific extinguishing meth- ods		:	cumstances and t Use water spray t Remove undama so.	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	:		e, wear self-contained breathing apparatus. tective equipment.	
SEC	CTION 6	. ACCIDENTAL RELE	AS	E MEASURES		
	tive equ	al precautions, protec- uipment and emer- procedures	:	Follow safe handl	tective equipment. ing advice (see section 7) and personal rent recommendations (see section 8).	

Environmental 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 spillages cannot be contained.
Methods and materials for containment and cleaning up	:	Surround spill with absorbents and place a damp covering over the area to minimize entry of the material into the air. Add excess liquid to allow the material to enter into solution.

Soak up with inert absorbent material.
Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
Dust deposits should not be allowed to accumulate on
surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. 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
certain local or national requirements.



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SECTION 7. HANDLING AND STORAGE

Technical measures	:	Static electricity may accumulate and ignite suspended dust causing an explosion. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
Local/Total ventilation Advice on safe handling		 and bonding, or mert atmospheres. Use only with adequate ventilation. Do not breathe dust. 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 assessment Keep container tightly closed. Already sensitized individuals, and those susceptible to asthma, allergies, chronic or recurrent respiratory disease, should consult their physician regarding working with respiratory irritants or sensitizers. Minimize dust generation and accumulation. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. 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 labeled containers. Keep tightly closed. 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

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis		
Ceftolozane	689293-68-3	TWA	1000 µg/m3 (OEB 1)	Internal		
	Further information: DSEN, RSEN					



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I		1		Wipe limit	100 µg/100 cm²	Internal	
Tazo	bactam		89786-04-9	TWA	250 µg/m3 (OEB 2)	Internal	
			Further inform	ation: RSEN		•	
				Wipe limit	100 µg/100 cm2	Internal	
Engi	neering measures	:	compound. All engineerir design and o	ig controls shou perated in acco	ntrols to minimize expo uld be implemented by rdance with GMP prin nd the environment.	/ facility	
Pers	onal protective equip	ment	:				
	biratory protection	:	exposure ass recommende	essment demo d guidelines, us	ntilation is not availab nstrates exposures ou se respiratory protection	utside the	
	Iter type I protection	-	Particulates type				
	aterial	:	Chemical-res	istant gloves			
Eye ç	protection	:	 Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols. 				
Skin	and body protection	:	Work uniform or laboratory coat.				
SECTION	9. PHYSICAL AND C	HEM	ICAL PROPER	TIES			
Appe	earance	:	powder				
Color	r	:	No data avai	lable			
Odor		:	No data avai	lable			
Odor	Threshold	:	No data avai	lable			
~U			No doto ovo	labla			

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	:	No data available



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	er explosion limit / Upper mability limit	:	No data available	9
	er explosion limit / Lower mability limit	:	No data available	
Vapo	or pressure	:	No data available	9
Rela	tive vapor density	:	No data available	9
Rela	tive density	:	No data available	9
Dens	sity	:	No data available	9
	bility(ies) /ater solubility	:	No data available	9
	tion coefficient: n- nol/water	:	No data available	9
	ignition temperature	:	No data available	9
Deco	omposition temperature	:	No data available	9
Visce V	osity ïscosity, kinematic	:	No data available	9
Expl	osive properties	:	Not explosive	
Oxid	izing properties	:	The substance o	r mixture is not classified as oxidizing.
Mole	ecular weight	:	No data available	9
Parti	cle size	:	No data available	2

SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac- tions	:	Not classified as a reactivity hazard. Stable under normal conditions. May form explosive dust-air mixture during processing, handling or other means. Can react with strong oxidizing agents.
Conditions to avoid		Heat, flames and sparks. Avoid dust formation.
Incompatible materials Hazardous decomposition products	:	Oxidizing agents No hazardous decomposition products are known.



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SECTION	N 11. TOXICOLOGICAL I	NF	JRMATION	
Info	rmation on likely routes	of	exposure	
Skin Inge	lation contact stion contact			
	te toxicity classified based on availa	ble	information.	
Proc	duct:			
Acut	e oral toxicity	:	Acute toxicity esti Method: Calculati	mate: > 5,000 mg/kg on method
Con	<u>iponents:</u>			
Ceft	olozane:			
	te toxicity (other routes of inistration)	:	LD50 (Rat): > 2,0 Application Route	
			LD50 (Mouse): > Application Route	
			LD50 (Dog): > 2,0 Application Route	
Tor	obactam:			
	te oral toxicity	:	LD50 (Rat): > 5,0	00 mg/kg
			LD50 (Mouse): >	5,000 mg/kg
	te toxicity (other routes of inistration)	:	LD50 (Rat): > 5,0 Application Route	
			LD50 (Mouse): > Application Route	
			LD50 (Dog): > 5,0 Application Route	
Sod	ium chloride:			
	te oral toxicity	:	LD50 (Rat): 3,550) mg/kg
Acut	te inhalation toxicity	:	LC50 (Rat): > 42 Exposure time: 1 Test atmosphere:	h
Acut	e dermal toxicity	:	LD50 (Rabbit): >	5,000 mg/kg



ersion 1	Revision Date: 30.09.2023		S Number: 8906-00020	Date of last issue: 04.04.2023 Date of first issue: 06.01.2016
Skin	corrosion/irritation			
Not c	lassified based on av	ailable	information.	
<u>Com</u>	ponents:			
Sodiu	um chloride:			
Speci		-	Rabbit	
Resu	lt	:	No skin irritatior	٦
Serio	ous eye damage/eye	irritati	on	
Not c	lassified based on av	ailable	information.	
<u>Com</u>	ponents:			
Sodiu	um chloride:			
Speci		:	Rabbit	
Resu	lt	:	No eye irritation	1
Resp	iratory or skin sens	itizatic	'n	
Skin	sensitization			
Not c	lassified based on av	ailable	information.	
-	cause allergy or asthr ponents:	na syn	ptoms or breathi	ng difficulties if inhaled.
Cefto	olozane:			
Test ⁻	Туре	:	Maximization T	est
Speci		:	Guinea pig	
Resu	IT	:	Sensitizer	
Tazol	bactam:			
Resu	lt	:	Sensitizer	
Sodiı	um chloride:			
Test		:	Local lymph no	de assay (LLNA)
Route	es of exposure	:	Skin contact	,
Speci		:	Mouse	
Resu	lt	:	negative	
	a cell mutagenicity lassified based on available	ailable	information	
	ponents:	anabie		
	lozane:			
	toxicity in vitro	:	Test Type: Bac	terial reverse mutation assay (AME
	- · · · · · · · ·	-	Result: negative	
			Test Type: Chro	omosome aberration test in vitro



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		Result: nega	tive
		Test Type: Ir Result: posit	n vitro mammalian cell gene mutation test ive
		Test Type: Ir Result: nega	n vitro mammalian cell gene mutation test tive
Geno	toxicity in vivo	: Test Type: M cytogenetic a Species: Mo Result: nega	use
Tazol	bactam:		
Geno	toxicity in vitro	: Test Type: B Result: nega	acterial reverse mutation assay (AMES) tive
			n vitro mammalian cell gene mutation test mouse lymphoma cells ive
			hromosome aberration test in vitro Chinese hamster fibroblasts tive
Geno	toxicity in vivo	: Test Type: M cytogenetic a Species: Mo	
			Route: Intraperitoneal injection
Sodiu	um chloride:		
	toxicity in vitro	: Test Type: Ir Result: posit	n vitro mammalian cell gene mutation test ive
		Test Type: B Result: nega	acterial reverse mutation assay (AMES) tive
		Test Type: S (in vitro) Result: posit	accharomyces cerevisiae, gene mutation assay



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				damage and repair, unscheduled DNA syn- lian cells (in vitro)
			Test Type: Chror Result: positive	nosome aberration test in vitro
			Test Type: Chror Result: negative	nosome aberration test in vitro
Geno	toxicity in vivo	:	Species: Mouse	o micronucleus test e: Intraperitoneal injection
			cytogenetic test, Species: Rat	genicity (in vivo mammalian bone-marrow chromosomal analysis) e: Intraperitoneal injection
	cell mutagenicity -	:	Weight of eviden cell mutagen.	ce does not support classification as a germ
Not c	nogenicity lassified based on availa	able	information.	
-	oonents:			
Speci Applie	cation Route sure time	:	Rat Ingestion 2 Years negative	
-	oductive toxicity lassified based on availa	able	information.	
Com	oonents:			
Cefto	lozane:			
Effect	ts on fertility	:	Species: Rat Application Route	ty/early embryonic development e: Intravenous injection 1,000 mg/kg body weight s on fertility.
Effect	ts on fetal development	:	Species: Mouse Application Route Developmental T	yo-fetal development e: Intravenous injection oxicity: NOAEL: 2,000 mg/kg body weight nificant adverse effects were reported



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			Species: Rat Application Route Developmental To	vo-fetal development :: Intravenous injection oxicity: NOAEL: 1,000 mg/kg body weight hificant adverse effects were reported
Tazob	actam:			
Effects	on fertility	:	Species: Rat Application Route	y/early embryonic development : Intraperitoneal injection 640 mg/kg body weight
Effects	on fetal development	:	Species: Rat Application Route Developmental To	vo-fetal development :: Intraperitoneal injection oxicity: NOAEL: 40 mg/kg body weight early embryonic development.
			Species: Rat Application Route Developmental To	vo-fetal development :: Intravenous injection pxicity: NOAEL: 3,000 mg/kg body weight s on fetal development.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

May cause damage to organs (Kidney, Liver) through prolonged or repeated exposure.

Components:

Target Organs

Ceftolozane: Target Organs : Kidney Assessment May cause damage to organs through prolonged or repeated : exposure. Tazobactam: **Target Organs** Liver : Assessment May cause damage to organs through prolonged or repeated : exposure. **Repeated dose toxicity Components:** Ceftolozane: Species Rat 1,000 mg/kg NOAEL : **Application Route** : Intravenous Exposure time : 28 days

Kidney

:

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Ceftolozane / Tazobactam Injection Formulation

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Sympt	oms	: No adverse e	ffects.
		: Dog : 300 mg/kg : 28 days : Kidney	
Tazob	actam:		
Expos		: Rat : 40 mg/kg : Intraperitonea : 6 Months : Liver	al
Expos	L	: Dog : 40 mg/kg : 80 mg/kg : Intraperitonea : 6 Months : Liver	al
Sodiu	m chloride:		
		: Rat : 2,533 mg/kg : Ingestion : 2 y	
-	ation toxicity assified based on av	ailable information.	
Exper	ience with human e	exposure	
<u>Comp</u>	onents:		
Ceftol Ingesti	ozane: ion		Diarrhea, Fever, Headache, Nausea, Skin irrita- Itestinal discomfort
Tazob	actam:		
Inhalat	tion	: Remarks: Ma ing difficulties	y cause allergy or asthma symptoms or breath s if inhaled.
ECTION [^]	12. ECOLOGICAL II	NFORMATION	
Ecoto	xicity		
Comp	onents:		
<u>comp</u>			

Toxicity to algae/aquatic
plants:EC50 (Anabaena flos-aquae): 0.0401 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

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			Exposure time	aena flos-aquae): 0.0018 mg/l e: 72 h D Test Guideline 201
Toxici icity)	ty to fish (Chronic tox-	:	Exposure time	hales promelas (fathead minnow)): 10 mg/l e: 32 d D Test Guideline 210
	ty to daphnia and other ic invertebrates (Chron- city)	:	Exposure time	nia magna (Water flea)): 9.6 mg/l e: 21 d D Test Guideline 211
Toxici	ty to microorganisms	:		
Tazob	bactam:			
Toxici plants	ty to algae/aquatic	:	Exposure time	ena flos-aquae): 0.96 mg/l e: 72 h D Test Guideline 201
			Exposure time	aena flos-aquae): 0.44 mg/l e: 72 h D Test Guideline 201
Toxici icity)	ty to fish (Chronic tox-	:	Exposure time	phales promelas (fathead minnow)): 10.6 mg, e: 32 d D Test Guideline 210
	ty to daphnia and other ic invertebrates (Chron- city)	:	Exposure time	nia magna (Water flea)): 9.6 mg/l e: 21 d D Test Guideline 211
Toxici	ty to microorganisms	:		
Sodiu	ım chloride:			
	ty to fish	:	LC50 (Lepomi	s macrochirus (Bluegill sunfish)): 5,840 mg/l



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				Exposure time: 96	h h	
	aquatic invertebrates (Chron-		:	EC50 (Daphnia magna (Water flea)): 4,136 mg/l Exposure time: 48 h		
			:	EC50: > 2,000 mg Exposure time: 96		
			:	NOEC (Pimephales promelas (fathead minnow)): 252 mg/l Exposure time: 33 d		
			:	NOEC (Daphnia pulex (Water flea)): 314 mg/l Exposure time: 21 d		
	ic toxici Toxicity	to microorganisms	:	EC10: > 1,000 mg/l		
	Persist	ence and degradabili	ity			
	Compo	onents:				
	Ceftolozane: Biodegradability					
			:	Result: Not readily Method: OECD Te	/ biodegradable. est Guideline 301D	
	Tazoba Biodegi	ictam: radability	:	Result: Not readily Method: OECD Te	/ biodegradable. est Guideline 301D	
	Bioaccumulative potential Components:					
	Ceftolo Partition octanol	n coefficient: n-	:	log Pow: -0.21		
	Tazoba Partition octanol	n coefficient: n-	:	log Pow: -0.63		
	Mobility in soil <u>Components:</u>					
	Ceftolo	zane:				
		ition among environ- compartments	:	log Koc: 3.3 Method: OECD Te	est Guideline 106	
	Tazoba	ictam:				
		ition among environ- compartments	:	log Koc: 0.87		



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Other adverse effects

No data 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 Proper shipping name	:	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Class Packing group Labels Environmentally hazardous	:	(Ceftolozane, Tazobactam) 9 III 9 yes
IATA-DGR		
UN/ID No.	:	UN 3077
Proper shipping name	:	Environmentally hazardous substance, solid, n.o.s. (Ceftolozane, Tazobactam)
Class	:	9
Packing group	:	III
Labels	:	Miscellaneous
Packing instruction (cargo aircraft)	:	956
Packing instruction (passen- ger aircraft)	:	956
Environmentally hazardous	:	yes
IMDG-Code		
UN number	:	UN 3077
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
		N.O.S.
		(Ceftolozane, Tazobactam)
Class	:	9
Packing group	:	
Labels	:	9
EmS Code	:	F-A, S-F
Marine pollutant	:	yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation



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NOM-002-SCT UN number Proper shipping name		N.O.S.	ENTALLY HAZARDOUS SUBSTANCE, SOLID,
Class Packing group Labels		(Centolozan : 9 : III : 9	e, Tazobactam)

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

Federal Law for the control of chemical precursors, : Not applicable essential chemical products and machinery for producing capsules, tablets and pills.

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

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

SECTION 16. OTHER INFORMATION

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Full text of other abbreviations

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 Or-



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ganisation 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/

The information is considered as correct, but not exhaustive, and will be used only as a guide, which is based in the current knowledge of the substance or mixture, and is applicable to proper safety precautions for the product.

MX / Z8