

Version

4.2



Date of last issue: 30.09.2023

Date of first issue: 07.01.2015

Insulin Glargine Formulation

Revision Date:

06.04.2024

SDS Number:

42893-00026

ction 1: Identification		
Product identifier	:	Insulin Glargine Formulation
Recommended use of the ch	nem	ical and restrictions on use
Recommended use	:	Pharmaceutical
Restrictions on use	:	Not applicable
Manufacturer or supplier's d	letai	ils
Company	:	MSD
Address	:	50 Tuas West Drive
		Singapore - Singapore 638408
Telephone	:	+1-908-740-4000
Emergency telephone number	· :	65 6697 2111 (24/7/365)
E-mail address	:	EHSDATASTEWARD@msd.com
tion 2: Hazard identification		
Classification of the substar	nce	or mixture
Skin corrosion/irritation	:	Category 2
Serious eye damage/eye irri- tation	:	Category 1
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Blood, Nervous system)
GHS Label elements, includi	ing	precautionary statements
Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H315 Causes skin irritation. H318 Causes serious eye damage. H373 May cause damage to organs (Blood, Nervous syste through prolonged or repeated exposure if swallowed.
Precautionary statements	:	Prevention:
		P260 Do not breathe dust.



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			kin thoroughly after handling. rotective gloves/ eye protection/ face protection.
		P305 + P351 water for seve and easy to d CENTER/ doo P314 Get mee P332 + P313 tion.	IF ON SKIN: Wash with plenty of water. + P338 + P310 IF IN EYES: Rinse cautiously with eral minutes. Remove contact lenses, if present o. Continue rinsing. Immediately call a POISON ctor. dical advice/ attention if you feel unwell. If skin irritation occurs: Get medical advice/ atten- Take off contaminated clothing and wash it before
		Disposal: P501 Dispose disposal plant	e of contents/ container to an approved waste

Other hazards which do not result in classification

May form explosive dust-air mixture during processing, handling or other means.

Section 3: Composition/information on ingredients

Substance /	Mixturo	Mixture
Substance /	wixture	wixture

Chemical name	CAS-No.	Concentration (% w/w)
Insulin Glargine	160337-95-1	>= 90 -<= 100
m-Cresol	108-39-4	>= 3 -< 5

Section 4: First-aid measures

Description of necessary	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	: In case of contact, immediately flush skin with plenty of water
	for at least 15 minutes while removing contaminated clothing and shoes.
	Get medical attention.
	Wash clothing before reuse.
	Thoroughly clean shoes before reuse.
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 immediately.
If swallowed	: If swallowed, DO NOT induce vomiting.



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				ntion if symptoms occur. roughly with water.
Most	important symptoms a	nd	effects, both ac	ute and delayed
Risks	i	:	Causes skin irrit Causes serious May cause dam exposure if swal	eye damage. age to organs through prolonged or repeate
Protection of first-aiders		:	First Aid responders should pay attention to self-protection and use the recommended personal protective equipment when the potential for exposure exists (see section 8).	
Indic	ation of any immediate	me	dical attention a	nd special treatment needed
Treat	ment	:	Treat symptoma	tically and supportively.
ction 5	: Fire-fighting measure	S		
Exting	guishing media			
Suital	ble extinguishing media	:	Water spray Alcohol-resistan Carbon dioxide Dry chemical	
	Unsuitable extinguishing media		None known.	
Spec	ial hazards arising from	n th	e substance or i	nixture
Speci fightir	ific hazards during fire- ng	:	concentrations, potential dust ex	g dust; fine dust dispersed in air in sufficient and in the presence of an ignition source is plosion hazard. hbustion products may be a hazard to health
	rdous combustion prod-	:	Carbon oxides	
ucts				
ucts	ial protective actions for	or fi	re-fighters	
ucts Spec Speci for fire	ial protective equipment efighters		In the event of fi Use personal pr	otective equipment.
ucts Spec Speci for fire	ial protective equipment		In the event of fi Use personal pr Use extinguishin cumstances and Use water spray	re, wear self-contained breathing apparatus otective equipment. Ig measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. aged containers from fire area if it is safe to

Personal	l precau	tions, pro	otective equipment a	and emergency procedure	S
_					

Personal precautions	: Use personal protective equipment.	
	Follow safe handling advice (see section 7) and personal pro-	
	tective equipment recommendations (see section 8).	

Environmental precautions



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Envir	onmental precautions	Prevent furthe Retain and dis	to the environment. er leakage or spillage if safe to do so. spose of contaminated wash water. les should be advised if significant spillages atained.
	and materials for cont	: Sweep up or v tainer for disp Avoid dispersa with compress Dust deposits es, as these n leased into the Local or nation posal of this n employed in the mine which re Sections 13 a	vacuum up spillage and collect in suitable con- osal. al of dust in the air (i.e., clearing dust surfaces

Section 7: Handling and storage

Precautions for safe handling	ng	
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		Use only with adequate ventilation. Do not get on skin or clothing. Do not breathe dust. Do not swallow. Do not get in eyes. 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 Keep container tightly closed. Minimize dust generation and accumulation. Keep container closed when not in use. 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.



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Conditions for safe storage, including any incompatibilities

Conditions for safe storage	:	Keep in properly labelled containers. Keep tightly closed.
Materials to avoid	:	Store in accordance with the particular national regulations. Do not store with the following product types: Strong oxidizing agents

Section 8: Exposure controls/personal protection

Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Insulin Glargine	160337-95-1	TWA	3 µg/m3 (OEB 4)	Internal
m-Cresol	108-39-4	TWA (Inhal- able fraction and vapor)	20 mg/m3	ACGIH

Appropriate engineering control measures	:	Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. Apply measures to prevent dust explosions. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are de- signed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).
Individual protection measu	res	, such as personal protective equipment (PPE)
Eye/face protection	:	Wear the following personal protective equipment: Chemical resistant goggles must be worn. If splashes are likely to occur, wear: Face-shield
Skin protection	:	Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).
Respiratory protection	:	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection.
Filter type	:	Combined particulates and organic vapour type
Hand protection		
Material	:	Chemical-resistant gloves
Remarks	:	Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous sub- stance and specific to place of work. Breakthrough time is not

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			applications, we chemicals of the	e product. Change gloves often! For special recommend clarifying the resistance to aforementioned protective gloves with the rer. Wash hands before breaks and at the
Section 9): Physical and chemica	al pro	operties	
Арре	earance	:	Crystalline powo	ler
Colo	ur	:	white	
Odou	ır	:	No data availabl	e
Odou	ur Threshold	:	No data availabl	e
pН		:	No data availabl	e
Melti	ng point/freezing point	:	No data availabl	e
Initia range	l boiling point and boiling e	:	No data availabl	e
Flash	n point	:	No data availabl	e
Evap	oration rate	:	No data availabl	e
Flam	mability (solid, gas)	:	May form explosed dling or other me	ive dust-air mixture during processing, han- eans.
Flam	mability (liquids)	:	No data availabl	e
	er explosion limit / Upper nability limit	:	No data availabl	e
	er explosion limit / Lower nability limit	:	No data availabl	e
Vapo	our pressure	:	No data availabl	e
Relat	tive vapour density	:	No data availabl	e
Dens	sity	:	No data availabl	e
	bility(ies) /ater solubility	:	No data availabl	e
	tion coefficient: n- nol/water	:	No data availabl	e
	-ignition temperature	:	No data availabl	e
Decc	omposition temperature	:	No data availabl	e



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Visco	sitv			
	scosity, kinematic	:	No data availal	ble
Explo	sive properties	:	Not explosive	
Oxidiz	zing properties	:	The substance	or mixture is not classified as oxidizing.
Moleo	cular weight	:	No data availal	ble
	Particle characteristics Particle size		No data availal	ble
Section 1	0: Stability and reactivi	ty		
	tivity nical stability bility of hazardous reac-	:	Stable under n May form explo dling or other n	ns a reactivity hazard. ormal conditions. osive dust-air mixture during processing, han- neans. strong oxidizing agents.
Cond	itions to avoid	:	Heat, flames a Avoid dust forn	
Haza	Incompatible materials Hazardous decomposition products		Oxidizing agen	
Section 1	1: Toxicological inform	atio	n	
Inforn expos	nation on likely routes of sure	:	Inhalation Skin contact Ingestion Eye contact	
	e toxicity			
	lassified based on availa	ble	nformation.	
Produ Acute	e oral toxicity	:	Acute toxicity es Method: Calcula	stimate: > 2,000 mg/kg ation method
Acute	e dermal toxicity	:	Acute toxicity es Method: Calcula	stimate: > 2,000 mg/kg ation method
Com	oonents:			
Insul	in Glargine:			
Acute	oral toxicity	:	Remarks: No da	ata available
	inhalation toxicity	:	Remarks: No da	



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A	cute dermal toxicity	:	Remarks: No data	a available
m	-Cresol:			
A	cute oral toxicity	:	LD50 (Rat): 121 r Remarks: Based	ng/kg on data from similar materials
A	cute inhalation toxicity	:	Assessment: Cor	rosive to the respiratory tract.
A	cute dermal toxicity	:	LD50 (Rabbit): 30 Remarks: Based	01 mg/kg on data from similar materials
-	kin corrosion/irritation auses skin irritation.			
<u>c</u>	omponents:			
In	sulin Glargine:			
R	emarks	:	No data available	
m	-Cresol:			
	pecies esult	:	Rabbit Corrosive after 3	minutes to 1 hour of exposure
S	erious eye damage/eye irri	itati	ion	
С	auses serious eye damage.			
<u>C</u>	omponents:			
	sulin Glargine: emarks		No data available	
ĸ	emarks	•	NO Uata avaliable	
	-Cresol:			
	pecies esult	:	Rabbit Irreversible effect	s on the eye
R	espiratory or skin sensitis	atio	on	
-	kin sensitisation ot classified based on availa	able	information.	
	espiratory sensitisation ot classified based on availa	able	information.	
<u>c</u>	omponents:			
In	sulin Glargine:			
R	emarks	:	No data available	





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		cell mutagenicity ssified based on availa	ble	information.	
	Compo	onents:			
	Insulin	Glargine:			
		oxicity in vitro	:	Result: negative	rial reverse mutation assay (AMES) on data from similar materials
				Result: negative	o mammalian cell gene mutation test on data from similar materials
				Result: negative	nosome aberration test in vitro on data from similar materials
	m-Cres	sol:			
	Genoto	oxicity in vitro	:		nosome aberration test in vitro est Guideline 473
					rial reverse mutation assay (AMES) est Guideline 471
	Genoto	oxicity in vivo	:	cytogenetic test, Species: Mouse Application Route	genicity (in vivo mammalian bone-marrow chromosomal analysis) e: Ingestion Test Guideline 475
		ogenicity ssified based on availa	ble	information.	
	Compo	onents:			
	Insulin	Glargine:			
	Specie Exposu NOAEI Result	ure time	:	Rat 2 Years 0.455 mg/kg bod negative	y weight
	Specie Exposu NOAEI Result	ure time	:	Mouse 2 Years 0.455 mg/kg bod negative	y weight



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Expos Resul Rema Speci Applic Expos Resul Rema	es cation Route sure time t t urks es cation Route sure time t	: Mouse, female : Ingestion : 106 - 107 wee : positive : Based on data	a from similar materials e
•	oductive toxicity assified based on avai	able information.	
<u>Comp</u>	oonents:		
	n Glargine: s on fertility	Species: Rat Application Ro Fertility: NOAI Result: No eff	rtility/early embryonic development oute: Subcutaneous EL: 0.36 mg/kg body weight ects on fertility
		Species: Rabl Application Ro Fertility: NOAI Result: No eff	oute: Subcutaneous EL: 0.072 mg/kg body weight ects on fertility
Effect ment	s on foetal develop-	Species: Rat Application Ro Developmenta	nbryo-foetal development oute: Subcutaneous al Toxicity: NOAEL: 0.36 mg/kg body weight ects on foetal development
		Developmenta Result: Fetoto	oute: Subcutaneous al Toxicity: LOAEL: 0.072 mg/kg body weight xicity e mechanism or mode of action may not be rel
m-Cre	esol:		
	s on fertility	Species: Rat	vo-generation reproduction toxicity study



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		Pocult: pogati	
		Result: negati	ve
Effect ment	s on foetal develop-	: Test Type: Pre Species: Rat Application Ro Result: negati	
	- single exposure assified based on ava	ilable information.	
	- repeated exposure		
May c			ystem) through prolonged or repeated exposu
<u>Comp</u>	oonents:		
Insuli	in Glargine:		
Expos	sure routes	: Ingestion	
	et Organs	: Blood, Nervou	
Asses	ssment	: May cause da exposure.	mage to organs through prolonged or repeate
Repe	ated dose toxicity		
<u>Comp</u>	ponents:		
	oonents: in Glargine:		
Insul i Speci	n Glargine: es	: Rat	
Insul i Speci NOAE	n Glargine: es EL	: 0.5 mg/kg	
Insul i Speci NOAE LOAE	es EL	: 0.5 mg/kg : 1.5 mg/kg	
Insuli Speci NOAE LOAE Applic	i n Glargine: es EL EL cation Route	: 0.5 mg/kg : 1.5 mg/kg : Subcutaneous	5
Insuli Speci NOAE LOAE Applic Expos	es EL	: 0.5 mg/kg : 1.5 mg/kg	
Insuli Speci NOAE LOAE Applic Expos	in Glargine: es EL EL cation Route sure time et Organs	: 0.5 mg/kg : 1.5 mg/kg : Subcutaneous : 30 d	
Insuli Speci NOAE LOAE Applic Expos Targe m-Cr Speci	in Glargine: es EL EL cation Route sure time of Organs esol: es	: 0.5 mg/kg : 1.5 mg/kg : Subcutaneous : 30 d : Blood, Nervou : Rat	
Insuli Speci NOAE LOAE Applic Expos Targe m-Cr Speci NOAE	in Glargine: es EL cation Route sure time of Organs esol: es EL	: 0.5 mg/kg : 1.5 mg/kg : Subcutaneous : 30 d : Blood, Nervou : Rat : 150 mg/kg	
Insuli Speci NOAE LOAE Applic Expos Targe m-Cro Speci NOAE Applic	an Glargine: es EL cation Route sure time et Organs esol: es EL cation Route	: 0.5 mg/kg : 1.5 mg/kg : Subcutaneous : 30 d : Blood, Nervou : Rat : 150 mg/kg : Ingestion	
Insuli Speci NOAE LOAE Applic Expos Targe m-Cro Speci NOAE Applic	an Glargine: es EL cation Route sure time et Organs esol: es EL cation Route sure time	: 0.5 mg/kg : 1.5 mg/kg : Subcutaneous : 30 d : Blood, Nervou : Rat : 150 mg/kg	is system
Insuli Speci NOAE LOAE Applic Expos Targe MoAE Applic Expos Metho	an Glargine: es EL cation Route sure time et Organs esol: es EL cation Route sure time od	 0.5 mg/kg 1.5 mg/kg Subcutaneous 30 d Blood, Nervou Rat 150 mg/kg Ingestion 13 Weeks 	is system
Insuli Speci NOAE LOAE Applic Expos Targe m-Cr d Speci NOAE Applic Expos Metho Aspir	an Glargine: es EL cation Route sure time et Organs esol: es EL cation Route sure time	 0.5 mg/kg 1.5 mg/kg Subcutaneous 30 d Blood, Nervou Rat 150 mg/kg Ingestion 13 Weeks OECD Test G 	is system
Insuli Speci NOAE LOAE Applic Expos Targe m-Cr d Speci NOAE Applic Expos Metho Aspir Not cl	an Glargine: es EL EL cation Route sure time et Organs esol: es EL cation Route sure time od	: 0.5 mg/kg : 1.5 mg/kg : Subcutaneous : 30 d : Blood, Nervou : Rat : 150 mg/kg : Ingestion : 13 Weeks : OECD Test G illable information.	is system
Insuli Speci NOAE LOAE Applic Expos Targe m-Cro Speci NOAE Applic Expos Metho Aspir Not cl Expe	an Glargine: es EL cation Route sure time et Organs esol: es EL cation Route sure time od ation toxicity assified based on ava	: 0.5 mg/kg : 1.5 mg/kg : Subcutaneous : 30 d : Blood, Nervou : Rat : 150 mg/kg : Ingestion : 13 Weeks : OECD Test G illable information.	is system
Insuli Speci NOAE LOAE Applic Expos Targe m-Cro Speci NOAE Applic Expos Metho Aspir Not cl Expec Expec	in Glargine: es EL cation Route sure time et Organs esol: es EL cation Route sure time od ation toxicity assified based on ava rience with human es	: 0.5 mg/kg : 1.5 mg/kg : Subcutaneous : 30 d : Blood, Nervou : Rat : 150 mg/kg : Ingestion : 13 Weeks : OECD Test G illable information.	is system



ersion 2	Revision Date: 06.04.2024	-	9S Number: 893-00026	Date of last issue: 30.09.2023 Date of first issue: 07.01.2015
			Nausea	
ction 12	2: Ecological information	on		
Toxic	ity			
<u>Comp</u>	oonents:			
m-Cre	esol:			
Toxici	ty to fish	:	LC50 (Oncorhyno Exposure time: 9	chus mykiss (rainbow trout)): 8.6 mg/l 6 h
	ty to daphnia and other ic invertebrates	:	EC50 (Daphnia p Exposure time: 4	ulex (Water flea)): > 99.5 mg/l 8 h
Toxici icity)	ty to fish (Chronic tox-	:	Exposure time: 3	es promelas (fathead minnow)): 1.35 mg/l 2 d on data from similar materials
	ty to daphnia and other ic invertebrates (Chron- city)	:	Exposure time: 2	magna (Water flea)): 1 mg/l 1 d on data from similar materials
Persi	stence and degradabili	ty		
Comp	oonents:			
m-Cre	esol:			
Biode	gradability	:	Result: Readily b Biodegradation: Exposure time: 2 Method: OECD T	90 %
Bioac	cumulative potential			
Comp	oonents:			
m-Cre				
	cumulation	:		us idus (Golden orfe) factor (BCF): 17 - 20
	on coefficient: n- ol/water	:	log Pow: 1.96	
	ity in soil ta available			
	adverse effects ta available			



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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 han- dling site for recycling or disposal.
		If not otherwise specified: Dispose of as unused product.

Section 14: Transport information

International Regulations

-		
UNRTDG UN number UN proper shipping name Transport hazard class(es) Subsidiary risk Packing group Labels Environmentally hazardous	:	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable no
IATA-DGR UN/ID No. UN proper shipping name Class Subsidiary risk Packing group Labels Packing instruction (cargo aircraft) Packing instruction (passen- ger aircraft)		Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
IMDG-Code UN number UN proper shipping name	:	Not applicable Not applicable

on proper snipping name	•	Not applicable
Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
EmS Code	:	Not applicable
Marine pollutant	:	Not applicable

Transport in bulk according to IMO instruments

Not applicable for product as supplied.

Special precautions for user

Not applicable



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Section 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

not determined

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations. Environmental Protection and Management Act and : Phenols Environmental Protection and Management (Hazardous Substances) Regulations Fire Safety (Petroleum and Flammable Materials) : Not applicable Regulations The components of this product are reported in the following inventories: AICS not determined : DSL not determined

Section 16: Other information

IECSC

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

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.

SG / EN