

Version 4.0	Revision Date: 06.04.2024		S Number: 383-00024	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
	: Identification			
Prod	uct identifier	:	Raltegravir Pedia	atric Formulation
Reco	mmended use of the ch	nem	ical and restriction	ons on use
	mmended use rictions on use	:	Pharmaceutical Not applicable	
Manu	ufacturer or supplier's d	leta	ils	
Comp	bany	:	MSD	
Addre	ess	:	50 Tuas West Dr Singapore - Sing	-
Telep	phone	:	+1-908-740-4000	)
Emer	gency telephone number	· :	65 6697 2111 (24	4/7/365)
E-ma	il address	:	EHSDATASTEW	/ARD@msd.com
Section 2	: Hazard identification			
Serio	<b>Classification of the substance</b> Serious eye damage/eye irri- : tation			

Specific target organ toxicity - : Category 3 single exposure

Reproductive toxicity

### GHS Label elements, including precautionary statements

: Category 2

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H318 Causes serious eye damage. H335 May cause respiratory irritation. H361d Suspected of damaging the unborn child.
Precautionary statements	:	<b>Prevention:</b> P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read



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		P280 Wear p		
		and keep con doctor if you f P305 + P351 water for seve and easy to d CENTER/ doo	40 + P312 IF INHALED: Remove person to fresh air comfortable for breathing. Call a POISON CENTER/ u feel unwell. 51 + P338 + P310 IF IN EYES: Rinse cautiously wit everal minutes. Remove contact lenses, if present o do. Continue rinsing. Immediately call a POISON	
		<b>Storage:</b> P405 Store locked up.		
		Disposal:		
		P501 Dispose of contents/ container to an approved waste disposal plant.		

### Other hazards which do not result in classification

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)
Raltegravir	871038-72-1	>= 20 -< 30

#### 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 ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. Get medical attention.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

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In cas	se of eye contact	for at least 1 If easy to do	<ul> <li>In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.</li> <li>If easy to do, remove contact lens, if worn.</li> </ul>				
lf swa	allowed	: If swallowed Get medical	attention immediately. I, DO NOT induce vomiting. attention. n thoroughly with water.				
Most	important symptoms	and effects, both	acute and delayed				
Risks	3	May cause r Suspected c	ous eye damage. respiratory irritation. of damaging the unborn child. a dust can cause mechanical irritation or drying of				
Prote	ction of first-aiders	: First Aid res and use the	ponders should pay attention to self-protection, recommended personal protective equipment tential for exposure exists (see section 8).				
Indic	ation of any immediate	e medical attentio	on and special treatment needed				
Treat	ment	: Treat sympt	omatically and supportively.				
	ble extinguishing media itable extinguishing	: Water spray Alcohol-resis Carbon diox Dry chemica : None knowr	stant foam ide (CO2) al				
		m tha cubatanaa	or mixturo				
•	ial hazards arising fro ific hazards during fire- ng	: Avoid gener concentratio potential due	ating dust; fine dust dispersed in air in sufficient ons, and in the presence of an ignition source is a st explosion hazard. combustion products may be a hazard to health				
Haza ucts	rdous combustion prod-	: Carbon oxid Nitrogen oxi Fluorine con Chlorine cor Sulphur oxic Metal oxides	des (NOx) npounds npounds des				
Spec	ial protective actions f	or fire-fighters					
Special protective equipment for firefighters Specific extinguishing meth- ods		Use persona : Use extingui cumstances Use water s	of fire, wear self-contained breathing apparatus. al protective equipment. ishing measures that are appropriate to local cir- and the surrounding environment. pray to cool unopened containers. damaged containers from fire area if it is safe to c				



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		Evacuate area	
Section 6	: Accidental release n	neasures	
	precautions, protection onal precautions	: Use personal p Follow safe ha	mergency procedures protective equipment. ndling advice (see section 7) and personal pro- ent recommendations (see section 8).
	ental precautions onmental precautions	Prevent further Retain and dis	to the environment. r leakage or spillage if safe to do so. pose of contaminated wash water. es should be advised if significant spillages rained.
	and materials for con ods for cleaning up	: Surround spill y over the area to Add excess liq Soak up with in Avoid dispersa with compress Dust deposits s es, as these m leased into the Clean up rema bent. Local or nation posal of this m employed in th mine which reg Sections 13 an	with absorbents and place a damp covering o minimise entry of the material into the air. uid to allow the material to enter into solution. nert absorbent material. I of dust in the air (i.e., clearing dust surfaces

### 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	:	If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	:	Avoid breathing dust.
		Do not swallow.
		Do not get in 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 as- sessment



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Hygie	ene measures	Already sens to asthma, al should consu- tory irritants of Minimize dus Keep contain Keep away fr Take precaut Take precaut Take care to environment. If exposure to flushing syste place. When using of	t generation and accumulation. er closed when not in use. om heat and sources of ignition. ionary measures against static discharges. prevent spills, waste and minimize release to the
Conc	litions for safe storage	e, including any in	compatibilities
	litions for safe storage rials to avoid	Store locked Keep tightly o Keep in a coo Store in acco	losed. bl, well-ventilated place. rdance with the particular national regulations. with the following product types:

### 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
Raltegravir	871038-72-1	TWA	1000 µg/m3 (OEB 1)	Internal

Appropriate engineering : control measures	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). If sufficient ventilation is unavailable, use with local exhaust ventilation.
Individual protection measures	s, 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:



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Skin j	protection	resistance da potential.	priate protective clothing based on chemical ta and an assessment of the local exposure must be avoided by using impervious protective
	iratory protection	<ul> <li>clothing (gloves, aprons, boots, etc).</li> <li>If adequate local exhaust ventilation is not available sure assessment demonstrates exposures outside t ommended guidelines, use respiratory protection.</li> </ul>	
	lter type protection	: Particulates t	уре
Ma	aterial	: Chemical-res	istant gloves
Remarks		on the concer stance and sp determined fo applications, chemicals of	es to protect hands against chemicals depending intration and quantity of the hazardous sub- becific to place of work. Breakthrough time is no or the product. Change gloves often! For special we recommend clarifying the resistance to the aforementioned protective gloves with the incturer. Wash hands before breaks and at the ay.
Section 9	: Physical and chem	ical properties	
Appe	arance	: powder	
Colou	ır	: yellow-orang	e
Odou	ır	: No data available	

Odour	:	No data avallable
Odour Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	May form explosive dust-air mixture during processing, han- dling or other means.
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower	:	No data available

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## **Raltegravir Pediatric Formulation**

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flar	nmability limit			
Vaj	pour pressure	:	No data available	9
Re	lative vapour density	:	No data available	9
Re	lative density	:	No data available	9
	ubility(ies) Water solubility	:	No data available	9
	rtition coefficient: n- anol/water	:	No data available	9
	to-ignition temperature	:	No data available	9
De	composition temperature	:	No data available	9
	cosity Viscosity, kinematic	:	No data available	9
Exp	plosive properties	:	Not explosive	
Ox	idizing properties	:	The substance o	r mixture is not classified as oxidizing.
Мо	lecular weight	:	No data available	9
	rticle characteristics rticle size	:	No data available	9

### 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, han- dling or other means. Can react with strong oxidizing agents.
Conditions to avoid Incompatible materials Hazardous decomposition		Heat, flames and sparks. Avoid dust formation. Oxidizing agents No hazardous decomposition products are known.
products	•	

### Section 11: Toxicological information

Information on likely routes of	:	Inhalation
exposure		Skin contact
		Ingestion
		Eye contact





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Acute	e toxicity		
	assified based on av	ailable information.	
	oonents:		
	gravir:		$\sim$ male and female): $\sim 2.000$ mg/kg
Acute	oral toxicity	: LD50 (Mouse	e, male and female): > 2,000 mg/kg
-	corrosion/irritation assified based on av	ailable information.	
Comp	oonents:		
	gravir:		
Speci	es	: Rabbit	
Resul	t	: No skin irritat	ion
	us eye damage/eye		
	es serious eye damaç	je.	
	oonents:		
	gravir:		_
Speci Resul		: Bovine corne : Severe irritati	-
Resp	iratory or skin sens	tisation	
-	sensitisation assified based on av	ailable information.	
	iratory sensitisation		
Not cl	assified based on av	ailable information.	
Comp	oonents:		
Ralte	gravir:		
Test T			node assay (LLNA)
Speci Resul		: Mouse : negative	
	cell mutagenicity assified based on available	ailable information	
	onents:		
	<b>gravir:</b> toxicity in vitro	: Test Type: re	verse mutation assay
		Result: negat	
			kaline elution assay rat hepatocytes



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11		Result: nega	tive
			Chromosomal aberration CD Test Guideline 473 tive
Geno	toxicity in vivo	: Test Type: Ir Species: Mo Result: nega	
			Chromosomal aberration CD Test Guideline 475 tive
	i <b>nogenicity</b> lassified based on ava	ailable information.	
Com	ponents:		
Ralte	gravir:		
Speci Expos Resu	sure time	: Mouse, male : 104 weeks : negative	e and female
Repr	oductive toxicity		
	•••••		
Susp	ected of damaging the	e unborn child.	
	-	e unborn child.	
Com	ected of damaging the	e unborn child.	
<u>Com</u> Ralte	ected of damaging the ponents:	: Test Type: F Species: Ra Application F	
<u>Com</u> Ralte	ected of damaging the ponents: gravir:	: Test Type: F Species: Ra Application F	t, male and female Route: Oral icity - Parent: NOAEL: 600 mg/kg body weight
Com Raite Effect	ected of damaging the ponents: gravir: ts on fertility ts on foetal develop-	<ul> <li>Test Type: F Species: Rat Application F General Tox Result: nega</li> <li>Species: Rat Application F General Tox Teratogenici</li> </ul>	t, male and female Route: Oral icity - Parent: NOAEL: 600 mg/kg body weight tive Route: Oral icity Maternal: NOAEL: >= 600 mg/kg body weig ty: LOAEL F1: 300 mg/kg body weight Skeletal malformations
Com Ralte Effect	ected of damaging the ponents: gravir: ts on fertility ts on foetal develop-	<ul> <li>Test Type: F Species: Rat Application F General Tox Result: nega</li> <li>Species: Rat Application F General Tox Teratogenici Symptoms: S Result: posit</li> <li>Species: Rat General Tox weight</li> </ul>	t, male and female Route: Oral icity - Parent: NOAEL: 600 mg/kg body weight tive t Route: Oral icity Maternal: NOAEL: >= 600 mg/kg body weig ty: LOAEL F1: 300 mg/kg body weight Skeletal malformations ive bbit icity Maternal: NOAEL: >= 1,000 mg/kg body ty: NOAEL: >= 1,000 mg/kg body weight



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### STOT - single exposure

May cause respiratory irritation.

### **Components:**

#### **Raltegravir:**

Exposure routes Target Organs Assessment	: Inhalation
Target Organs	: Respiratory Tract
Assessment	: May cause respiratory irritation.

### STOT - repeated exposure

Not classified based on available information.

#### Repeated dose toxicity

#### **Components:**

#### Raltegravir:

Species NOAEL Application Route Exposure time Symptoms	:	Dog 90 mg/kg Oral 371 d Vomiting
Species NOAEL LOAEL Application Route Exposure time Target Organs		Rat 30 mg/kg 120 mg/kg Oral 189 d Stomach
Species NOAEL LOAEL Application Route Exposure time Target Organs		Mouse 50 mg/kg 500 mg/kg Oral 14 Weeks Stomach
Species		Rat

Species	•	Rai
NOAEL	:	50 mg/kg
LOAEL	:	200 mg/kg
Application Route	:	Oral
Exposure time	:	8 Weeks
Target Organs	:	Stomach

#### Aspiration toxicity

Not classified based on available information.

#### Experience with human exposure

### Components:

**Raltegravir:** 



ersion D	Revision Date: 06.04.2024		DS Number: 383-00024	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
Inges	tion 2: Ecological informati	: on	Symptoms: Nau irritation	sea, Diarrhoea, Headache, Fever, Rash, Ski
Тохіс	itv			
	<u>ponents:</u>			
	<b>gravir:</b> ity to fish	:	Exposure time:	les promelas (fathead minnow)): > 100 mg/l 96 h Test Guideline 203
			mg/l Exposure time:	on variegatus (sheepshead minnow)): > 100 96 h Test Guideline 203
	ity to daphnia and other ic invertebrates	:	Exposure time:	magna (Water flea)): > 100 mg/l 48 h Test Guideline 202
Toxici plants	ity to algae/aquatic	:	Exposure time:	irchneriella subcapitata (green algae)): 66 m 96 h Test Guideline 201
			mg/l Exposure time:	kirchneriella subcapitata (green algae)): 3.8 96 h Test Guideline 201
Toxici icity)	ity to fish (Chronic tox-	:	Exposure time:	ales promelas (fathead minnow)): 9.3 mg/l 33 d Test Guideline 210
	ity to daphnia and other ic invertebrates (Chron- city)		Exposure time:	a magna (Water flea)): 9.5 mg/l 21 d Test Guideline 211
Toxici	ity to microorganisms	:		



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	stence and degrada	bility	
<u>Com</u>	oonents:		
	gravir:		
Biode	egradability	Biodegrada Exposure t	idly degradable ation: 50 % ime: 9 d ECD Test Guideline 302B
Stabil	ity in water	: Hydrolysis: Method: O	e < 10 %(5 d) ECD Test Guideline 111
Bioad	ccumulative potentia	al	
<u>Com</u>	oonents:		
Partit	<b>gravir:</b> ion coefficient: n- ol/water	: log Pow: -0	).328
	<b>lity in soil</b> ata available		
Othe	r adverse effects		
No da	ata available		

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

:	Not applicable
:	Not applicable
:	no
:	Not applicable
:	Not applicable



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Class		: Not applicable				
Subsid	liary risk	: Not applicable				
	ig group	: Not applicable				
Labels		: Not applicable				
	g instruction (cargo	: Not applicable				
aircraft Packin ger aire	g instruction (passen-	: Not applicable				
IMDG-	Code					
UN nur		: Not applicable				
	oper shipping name	: Not applicable				
Class		: Not applicable				
	liary risk	: Not applicable				
	g group	: Not applicable				
Labels		: Not applicable				
EmS C		: Not applicable : Not applicable				
	pollutant					
-	port in bulk according plicable for product as		ts			
Snacis	al precautions for use	r				
Special precautions for user						
-	-	-				
Not ap	plicable : Regulatory informat					
Not ap Section 15 Safety Workpl	plicable <b>Regulatory informat</b> <b>health and environn</b> lace Safety and Health	ion nental regulations s				
Not ap Section 15 Safety Workpl tions: 1 Act/Re	r, health and environn lace Safety and Health This product is subjected gulations.	ion nental regulations s Act and Workplace ed to the SDS, labelli	Safety and Health (General Provisions) Regulaing, PEL and other requirements in the			
Not ap Section 15 Safety Workpl tions: 1 Act/Re Environ Environ	r, health and environn lace Safety and Health This product is subjected gulations.	<b>ion</b> nental regulations so Act and Workplace ed to the SDS, labelli d Management Act and d Management (Haza	Safety and Health (General Provisions) Regula ing, PEL and other requirements in the nd : Not applicable			
Not ap Section 15 Safety Workpl tions: 1 Act/Re Environ Environ ous Su	r <b>Regulatory informat</b> <b>: Regulatory informat</b> <b>: health and environn</b> lace Safety and Health This product is subjected gulations. nmental Protection and nmental Protection and ubstances) Regulations	ion nental regulations s Act and Workplace ed to the SDS, labelli Management Act an Management (Haza	Safety and Health (General Provisions) Regula ing, PEL and other requirements in the nd : Not applicable ard-			
Not ap Section 15 Safety Workpl tions: 1 Act/Re Environ Environ ous Su Fire Sa Regula	r, health and environm r, health and environm lace Safety and Health This product is subjected gulations. nmental Protection and nmental Protection and ubstances) Regulations afety (Petroleum and F ations	<b>ion</b> <b>nental regulations s</b> Act and Workplace ed to the SDS, labelli d Management Act and d Management (Haza d Management (Haza d Management (Haza	Safety and Health (General Provisions) Regulating, PEL and other requirements in the nd : Not applicable ard- : Not applicable			
Not ap Section 15 Safety Workpl tions: 1 Act/Re Environ ous Su Fire Sa Regula	r, health and environm r, health and environm lace Safety and Health This product is subjected gulations. nmental Protection and nmental Protection and ubstances) Regulations afety (Petroleum and F ations	ion nental regulations s Act and Workplace ed to the SDS, labelli d Management Act an d Management (Haza d Management (Haza d Management (Haza	Safety and Health (General Provisions) Regulating, PEL and other requirements in the nd : Not applicable ard- : Not applicable			
Not ap Section 15 Safety Workpl tions: 1 Act/Re Environ ous Su Fire Sa Regula The co AICS	r Regulatory informat r, health and environm lace Safety and Health This product is subjected gulations. nmental Protection and nmental Protection and ubstances) Regulations afety (Petroleum and F ations	ion nental regulations s Act and Workplace ed to the SDS, labelli d Management Act an d Management (Haza lammable Materials) oduct are reported i : not determined	Safety and Health (General Provisions) Regula ing, PEL and other requirements in the nd : Not applicable ard- : Not applicable			
Not ap Section 15: Safety Workpl tions: T Act/Re Environ ous Su Fire Sa Regula The co AICS DSL IECSC	r Regulatory informat r, health and environm lace Safety and Health This product is subjected gulations. nmental Protection and nmental Protection and ubstances) Regulations afety (Petroleum and F ations	ion nental regulations s Act and Workplace ed to the SDS, labelli Management Act and Management (Haza lammable Materials) oduct are reported i : not determined : not determined	Safety and Health (General Provisions) Regula ing, PEL and other requirements in the nd : Not applicable ard- : Not applicable			
Not ap Section 15: Safety Workpl tions: 1 Act/Re Environ ous Su Fire Sa Regula The co AICS DSL IECSC Section 16:	plicable <b>Regulatory informat</b> <b>A health and environn</b> lace Safety and Health This product is subjected gulations. nmental Protection and nmental Protection and bstances) Regulations afety (Petroleum and F ations <b>omponents of this pro</b>	ion nental regulations s Act and Workplace ed to the SDS, labelli Management Act and Management (Haza lammable Materials) oduct are reported i : not determined : not determined	Safety and Health (General Provisions) Regula ing, PEL and other requirements in the nd : Not applicable ard- : Not applicable			
Not ap Section 15: Safety Workpl tions: T Act/Re Environ ous Su Fire Sa Regula The co AICS DSL IECSC Section 16: Revisio	Plicable Regulatory information A health and environm lace Safety and Health This product is subjected gulations. Inmental Protection and Inmental Protection and Ibstances) Regulations afety (Petroleum and F ations omponents of this pro- c Cother information	ion nental regulations s Act and Workplace ed to the SDS, labelli d Management Act and d Management (Haza lammable Materials) oduct are reported i : not determined : not determined : not determined	Safety and Health (General Provisions) Regula ing, PEL and other requirements in the nd : Not applicable ard- : Not applicable			



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compile the Safety Data Sheet

eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Date format

dd.mm.yyyy

#### Full text of other 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 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.