

Raltegravir Adult Formulation

Versi 6.1	ion	Revision Date: 26.09.2023		S Number: 210-00025	Date of last issue: 20.03.2023 Date of first issue: 16.09.2014
SEC	TION 1	. IDENTIFICATION			
	Produc	t name	:	Raltegravir Adult	Formulation
	Manufa	acturer or supplier's	deta	ils	
	Compa	iny	:	MSD	
Address		:	855 Leandro N. Alem St., 8 Floor Buenos Aires, Argentina C1001AFB		
	Teleph	one	:	908-740-4000	
	Emerge	ency telephone	:	1-908-423-6000	
	E-mail	address	:	EHSDATASTEW	/ARD@msd.com
	Recom	nmended use of the c	hem	ical and restriction	ons on use
		mended use tions on use	:	Pharmaceutical Not applicable	

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Serious eye damage/eye irritation	:	Category 1
Reproductive toxicity	:	Category 2
Specific target organ toxicity - single exposure	:	Category 3
Short-term (acute) aquatic hazard	:	Category 3
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H318 Causes serious eye damage. H335 May cause respiratory irritation. H361d Suspected of damaging the unborn child. H402 Harmful to aquatic life.
Precautionary Statements	:	Prevention:



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		P202 Do not I and understoo P261 Avoid b P271 Use onI P273 Avoid re	reathing dust. y outdoors or in a well-ventilated area. elease to the environment. rotective gloves/ protective clothing/ eye protec-
		and keep com doctor if you f P305 + P351 water for seve and easy to d CENTER/ doo	+ P338 + P310 IF IN EYES: Rinse cautiously with eral minutes. Remove contact lenses, if present o. Continue rinsing. Immediately call a POISON
		Storage: P405 Store lo	cked up.
		Disposal: P501 Dispose disposal plant	e of contents/ container to an approved waste

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	>= 30 -< 50
Cellulose	9004-34-6	>= 10 -< 20
Magnesium stearate	557-04-0	>= 1 -< 5

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. Get medical attention.
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.



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In c	ase of eye contact	Thoroughly c : In case of cor for at least 15 If easy to do,	remove contact lens, if worn.
lf sv	vallowed	: If swallowed, Get medical a	attention immediately. DO NOT induce vomiting. attention. thoroughly with water.
anc	st important symptoms l effects, both acute and ayed	: Causes serio May cause re Suspected of	us eye damage. spiratory irritation. damaging the unborn child. dust can cause mechanical irritation or drying of
	tection of first-aiders es to physician	: First Aid resp and use the r when the pote	onders should pay attention to self-protection, ecommended personal protective equipment ential for exposure exists (see section 8). matically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
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 Oxides of phosphorus Nitrogen oxides (NOx) Fluorine compounds
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).	
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so.	



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		L		se of contaminated wash water. should be advised if significant spillages ned.
	thods and materials for ntainment and cleaning up	o A S A w D S r e C a L d d e e d S	ver the area to m dd excess liquid oak up with inert void dispersal of ith compressed ust deposits sho urfaces, as these eleased into the a lean up remainin bsorbent. ocal or national m isposal of this m mployed in the c etermine which m ections 13 and 1	h absorbents and place a damp covering ninimize entry of the material into the air. to allow the material to enter into solution. t absorbent material. f dust in the air (i.e., clearing dust surfaces air). ould not be allowed to accumulate on e may form an explosive mixture if they are atmosphere in sufficient concentration. ng materials from spill with suitable regulations may apply to releases and aterial, as well as those materials and items cleanup of releases. You will need to regulations are applicable. 15 of this SDS provide information regarding attional requirements.

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
Advice on safe handling	 ventilation. 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 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 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
Conditions for safe storage	 environment. Keep in properly labeled containers. Store locked up. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations.
Materials to avoid	: Do not store with the following product types:



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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
Raltegravir	871038-72-1	TWA	1000 µg/m3 (OEB 1)	Internal
Cellulose	9004-34-6	CMP	10 mg/m ³	AR OEL
		TWA	10 mg/m ³	ACGIH
Magnesium stearate	557-04-0	CMP	10 mg/m ³	AR OEL
	Further inform	ation: A4 - Not c	lassifiable as a huma	n carcinogen
		TWA (Inhalable particulate matter)	10 mg/m ³	ACGIH
		TWA (Respirable particulate matter)	3 mg/m³	ACGIH

Engineering 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 designed 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.
Personal protective equipmer	nt
Respiratory protection :	If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.
Filter type : Hand protection	Particulates type
Material :	Chemical-resistant gloves
Remarks :	Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.
Eye protection :	Wear the following personal protective equipment: Chemical resistant goggles must be worn. If splashes are likely to occur, wear: Face-shield

Skin and body protection : Select appropriate protective clothing based on chemical



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Hygien	e measures	:	potential. Skin contact must clothing (gloves, a If exposure to che eye flushing syste working place. When using do no	nd an assessment of the local exposure be avoided by using impervious protective aprons, boots, etc). mical is likely during typical use, provide ms and safety showers close to the of eat, drink or smoke. ed clothing before re-use.
SECTION 9). PHYSICAL AND CHE	ΞΜΙΟ	CAL PROPERTIES	6
Appear	rance	:	powder	
Color		:	No data available	
Odor		:	No data available	9
Odor T	hreshold	:	No data available	9
рН		:	No data available)
Melting	g point/freezing point	:	No data available)
Initial b range	poiling point and boiling	:	No data available	
Flash p	point	:	No data available)
Evapor	ration rate	:	Not applicable	
Flamm	ability (solid, gas)	:	May form explosi handling or other	ve dust-air mixture during processing, means.
Flamm	ability (liquids)	:	No data available)
Self-igr	nition	:	No data available)
	explosion limit / Upper ability limit	:	No data available	
	explosion limit / Lower ability limit	:	No data available	
Vapor	pressure	:	No data available)
Relativ	e vapor density	:	No data available)
Density	ý	:	No data available)
Solubil Wat	ity(ies) ter solubility	:	No data available)
Partitio octano	n coefficient: n- I/water	:	No data available	



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	utoignition temperature		lata available
	ecomposition temperature scosity	: No da	lata available
VI	Viscosity, dynamic	: No da	lata available
	Viscosity, kinematic		lata available
	ow time plosive properties		lata available explosive
L		. Not ex	
	kidizing properties	: The su	substance or mixture is not classified as oxidizing.
	olecular weight		lata available
Pa	article size	: No da	lata available

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 pro handling or other means. Can react with strong oxidizing agents.	ocessing,
Conditions to avoid	Heat, flames and sparks. Avoid dust formation.	
Incompatible materials	Oxidizing agents	
Hazardous decomposition products	No hazardous decomposition products are kn	own.

SECTION 11. TOXICOLOGICAL INFORMATION

	Information on likely routes of : exposure	Inhalation Skin contact Ingestion Eye contact
1	Acute toxicity	
I	Not classified based on available	information.
-	Product: Acute oral toxicity :	Acute toxicity estimate: > 5.000 mg/kg Method: Calculation method
9	Components:	
	Raltegravir: Acute oral toxicity :	LD50 (Mouse, male and female): > 2.000 mg/kg



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Cellu	056.		
	oral toxicity	: LD50 (Rat)	: > 5.000 mg/kg
	-		
Acute	inhalation toxicity	: LC50 (Rat) Exposure t	: > 5,8 mg/l
			phere: dust/mist
Acuto			
Acute	dermal toxicity	: LD50 (Rab	bit): > 2.000 mg/kg
Magn	esium stearate:		
-	oral toxicity	: LD50 (Rat)	: > 2.000 mg/kg
			ECD Test Guideline 423
		Assessmei icity	nt: The substance or mixture has no acute oral
			Based on data from similar materials
Acuto	dermal toxicity	· 1 D50 (Rab	bit): > 2.000 mg/kg
Acuto	definal toxicity		Based on data from similar materials
Specie Resul	t esium stearate:	: Rabbit : No skin irri	tation
Speci Resul		: Rabbit : No skin irri	ation
Rema			lata from similar materials
	u s eye damage/eye es serious eye dama <u>c</u>		
	ionents:	Je.	
	gravir:	. Devine	
Speci Resul		: Bovine cor : Severe irrit	
Magn	esium stearate:		
Speci	es	: Rabbit	
Resul		: No eye irrit	
Rema	rks	: Based on o	lata from similar materials

Skin sensitization

Not classified based on available information.



ersion 1	Revision Date: 26.09.2023	SDS Number: 13210-00025	Date of last issue: 20.03.2023 Date of first issue: 16.09.2014
Resp	iratory sensitizatio	ı	
Not c	lassified based on av	ailable information	
<u>Com</u>	ponents:		
Ralte	gravir:		
Test ⁻			h node assay (LLNA)
Speci		: Mouse	
Resu	IT	: negative	
Magn	nesium stearate:		
Test ⁻	Туре	: Maximizati	on Test
	es of exposure	: Skin conta	
Speci		: Guinea pig	
Metho Resu			t Guideline 406
Rema		: negative · Based on (data from similar materials
	cell mutagenicity		
Not c	lassified based on av	ailable information	
<u>Com</u>	ponents:		
Ralte	gravir:		
Geno	toxicity in vitro	: Test Type: Result: neg	reverse mutation assay gative
			Alkaline elution assay m: rat hepatocytes gative
			Chromosomal aberration ECD Test Guideline 473 gative
Geno	toxicity in vivo	: Test Type: Species: M Result: ne	
			Jan 10
			Chromosomal aberration ECD Test Guideline 475 gative
Cellu	lose:		
	toxicity in vitro	: Test Type: Result: neg	Bacterial reverse mutation assay (AMES) gative
		Test Type: Result: neg	In vitro mammalian cell gene mutation test gative
Geno	toxicity in vivo	: Test Type: cytogeneti Species: M	



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			Application Rout Result: negative	e: Ingestion
Magr	nesium stearate:			
-	otoxicity in vitro	:	Result: negative	o mammalian cell gene mutation test on data from similar materials
			Method: OECD Result: negative	nosome aberration test in vitro Fest Guideline 473 on data from similar materials
			Result: negative	erial reverse mutation assay (AMES) on data from similar materials
	inogenicity lassified based on avail	abla	information	
		able	information.	
	ponents:			
Ralte Spec	egravir:		Mouse, male and	1 fomale
	sure time	÷	104 weeks	
Resu	llt	:	negative	
Cellu	llose:			
Spec	ies	:	Rat	
	cation Route	:	Ingestion	
Expo Resu	sure time It	:	72 weeks negative	
Popr	oductive toxicity			
•	ected of damaging the u	unbo	rn child.	
	ponents:			
Ralte	egravir:			
	ts on fertility	:	Species: Rat, ma Application Rout	
Effec	ts on fetal development	:	Teratogenicity: L	e: Oral Maternal: NOAEL: >= 600 mg/kg body weight OAEL F1: 300 mg/kg body weight etal malformations.
			Species: Rabbit	



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			weight	Maternal: NOAEL: >= 1.000 mg/kg body OAEL: >= 1.000 mg/kg body weight
Repro sessn	ductive toxicity - As- nent	:	Some evidence o animal experimen	f adverse effects on development, based on its.
Cellu Effect	l ose: s on fertility	:	Test Type: One-g Species: Rat Application Route Result: negative	eneration reproduction toxicity study
Effect	s on fetal development	:	Test Type: Fertilit Species: Rat Application Route Result: negative	y/early embryonic development
-	esium stearate: s on fertility	:	reproduction/deve Species: Rat Application Route Method: OECD T Result: negative	ined repeated dose toxicity study with the elopmental toxicity screening test Ingestion est Guideline 422 on data from similar materials
Effect	s on fetal development	:	Species: Rat Application Route Result: negative	ro-fetal development :: Ingestion on data from similar materials
	-single exposure ause respiratory irritatio	'n.		
<u>Comp</u>	oonents:			

Raltegravir:

Routes of exposure	:	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 : Dog



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	cation Route sure time	: 90 mg/kg : Oral : 371 d : Vomiting	
Expos	EL	: Rat : 30 mg/kg : 120 mg/kg : Oral : 189 d : Stomach	
Expos	EL	: Mouse : 50 mg/kg : 500 mg/kg : Oral : 14 Weeks : Stomach	
Expos	EL	: Rat : 50 mg/kg : 200 mg/kg : Oral : 8 Weeks : Stomach	
Cellu	lose:		
Speci NOAE Applic	es	: Rat : >= 9.000 mg : Ingestion : 90 Days	/kg
Magn	esium stearate:		
Speci NOAE Applic	es EL cation Route sure time	: Rat : > 100 mg/kg : Ingestion : 90 Days : Based on da	ta from similar materials
-	ation toxicity		
	lassified based on av		
•	rience with human e	xposure	
-	<u>oonents:</u>		
Inges	gravir: tion	: Symptoms: N irritation	lausea, Diarrhea, Headache, Fever, Rash, Ski



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	12. ECOLOGICAL INFO	DRM	ΜΑΤΙΟΝ
Ecoto	-		
<u>Comp</u>	onents:		
Ralteg			
Toxicit	y to fish	:	LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
			LC50 (Cyprinodon variegatus (sheepshead minnow)): > 100
			mg/l Exposure time: 96 h Method: OECD Test Guideline 203
	y to daphnia and other c invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h
uquum			Method: OECD Test Guideline 202
Toxicit	y to algae/aquatic	:	EC50 (Pseudokirchneriella subcapitata (green algae)): 66 n
plants			Exposure time: 96 h Method: OECD Test Guideline 201
			NOEC (Pseudokirchneriella subcapitata (green algae)): 3,8
			mg/l Exposure time: 96 h
			Method: OECD Test Guideline 201
Toxicit	y to fish (Chronic tox-	:	NOEC (Pimephales promelas (fathead minnow)): 9,3 mg/l
icity)			Exposure time: 33 d Method: OECD Test Guideline 210
			Method. OECD Test Guideline 210
	y to daphnia and other c invertebrates (Chron-	:	NOEC (Daphnia magna (Water flea)): 9,5 mg/l Exposure time: 21 d
ic toxic	•		Method: OECD Test Guideline 211
Toxicit	y to microorganisms	:	EC50: > 1.000 mg/l
-			Exposure time: 3 h
			Test Type: Respiration inhibition Method: OECD Test Guideline 209
			NOEC: 1.000 mg/l
			Exposure time: 3 h
			Test Type: Respiration inhibition Method: OECD Test Guideline 209
Cellul	ose:		
Toxicit	y to fish	:	LC50 (Oryzias latipes (Japanese medaka)): > 100 mg/l
			Exposure time: 48 h Remarks: Based on data from similar materials



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То	Toxicity to fish		:	LC50 (Leuciscus idus (Golden orfe)): > 100 mg/l Exposure time: 48 h Method: DIN 38412 Remarks: Based on data from similar materials	
	Toxicity to daphnia and other aquatic invertebrates		:	EL50 (Daphnia magna (Water flea)): > 1 mg/l Exposure time: 47 h Test substance: Water Accommodated Fraction Method: Directive 67/548/EEC, Annex V, C.2. Remarks: Based on data from similar materials No toxicity at the limit of solubility.	
	Toxicity to algae/aquatic plants		:	mg/l Exposure time: 72 Test substance: V Method: OECD Te	Vater Accommodated Fraction est Guideline 201 on data from similar materials
				mg/l Exposure time: 72 Test substance: W Method: OECD Te	Vater Accommodated Fraction
То	oxicity	to microorganisms	:	Exposure time: 16 Test substance: V	nas putida): > 100 mg/l 5 h Vater Accommodated Fraction on data from similar materials
P	ersist	ence and degradabili	ty		
<u>C</u> (ompo	nents:			
	altegr iodegr	avir: adability	:	Result: rapidly deg Biodegradation: 5 Exposure time: 9 Method: OECD Te	50 %
SI	tability	in water	:	Hydrolysis: < 10 % Method: OECD Te	%(5 d) est Guideline 111
	ellulo iodegr	se: adability	:	Result: Readily bio	odegradable.
	-	sium stearate: adability	:	Result: Not biodeo Remarks: Based o	gradable on data from similar materials



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Bio	accumulative potential					
<u>Cor</u>	nponents:					
Par	tegravir: tition coefficient: n- anol/water	: log Pow: -0,328				
Par	gnesium stearate: tition coefficient: n- anol/water	: log Pow: > 4				
	bility in soil data available					
• …	er adverse effects data available					
SECTIO	SECTION 13. DISPOSAL CONSIDERATIONS					

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

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Argentina. Carcinogenic Substances and Agents Registry.	:	Not applicable
Control of precursors and essential chemicals for the preparation of drugs.	:	Not applicable



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SECTION 16. OTHER INFORMATION

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Further information

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/

Full text of other abbreviations

ACGIH AR OEL	USA. ACGIH Threshold Limit Values (TLV) Argentina. Occupational Exposure Limits
ACGIH / TWA AR OEL / CMP	8-hour, time-weighted average TLV (Threshold Limit Value)

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



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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.

AR / Z8