

Doravirine Formulation

Version 8.0	Revision Date: 06.07.2024		S Number: 271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015
SECTIO	N 1. IDENTIFICATION			
Pro	duct name	:	Doravirine Form	ulation
Ma	nufacturer or supplier's	s deta	ils	
Cor	npany	:	MSD	
Ado	Iress	:		Alem St., 8 Floor rgentina C1001AFB
Tele	ephone	:	908-740-4000	
Em	ergency telephone	:	1-908-423-6000	
E-m	nail address	:	EHSDATASTEV	VARD@msd.com
Red	commended use of the	chem	ical and restricti	ons on use
	commended use strictions on use	:	Pharmaceutical Not applicable	

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Short-term (acute) aquatic hazard	:	Category 3
GHS label elements Signal Word Hazard Statements	:	None H402 Harmful to aquatic life.
Precautionary Statements	:	Prevention: P273 Avoid release to the environment.
		Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.
Other hazards which do not r	es	ult in classification

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



>= 10 -< 20

>= 1 -< 5

Doravirine Formulation

Version 8.0	Revision Date: 06.07.2024	SDS Number: 59271-00025		sue: 06.04.2024 sue: 16.02.2015
Cher	nical name		CAS-No.	Concentration (% w/w)
Cellu	llose		9004-34-6	>= 20 -< 30

1338225-97-0

557-04-0

SECTION 4. FIRST AID MEASURES

Doravirine

Magnesium stearate

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	:	Wash with water and soap. Get medical attention if symptoms occur.
In case of eye contact	:	If in eyes, rinse well with water. Get medical attention if irritation develops and persists.
If swallowed	:	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 Protection of first-aiders Notes to physician	:	Contact with dust can cause mechanical irritation or drying of the skin. Dust contact with the eyes can lead to mechanical irritation.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing 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 Nitrogen oxides (NOx) Halogenated compounds Metal oxides
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.
Special protective equipment for fire-fighters	:	Evacuate area. Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.



Doravirine Formulation

Version 8.0	Revision Date: 06.07.2024		OS Number: 271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015
SECTION	6. ACCIDENTAL RELE	46		
		-		
tive e	onal precautions, protec- equipment and emer- y procedures	:		Indling advice (see section 7) and personal ipment recommendations (see section 8).
Envir	ronmental precautions	:	Prevent furthe 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 tained.
	ods and materials for ainment and cleaning up	:	container for d Avoid dispersa with compress Dust deposits surfaces, as the released into t Local or nation disposal of this employed in the determine white Sections 13 ar	al of dust in the air (i.e., clearing dust surfaces
SECTION	7. HANDLING AND ST	OR	AGE	
	nical measures	:	causing an explosion. Provide adequate precautions, such as electrical groundi and bonding, or inert atmospheres.	
	I/Total ventilation	:	Use only with a	adequate ventilation.

Local/Total ventilation Advice on safe handling	 Use only with adequate ventilation. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment 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.
C	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



sion Revision Date: 06.07.2024	SDS Number: 59271-00025		st issue: 06.04.2024 st issue: 16.02.2015					
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis				
Cellulose	9004-34-6	CMP	10 mg/m ³	AR OEL				
		TWA	10 mg/m ³	ACGIH				
Doravirine	1338225-97- 0	TWA	500 ug/m3 (OEB2)	Internal				
Magnesium stearate	557-04-0	CMP	10 mg/m ³	AR OEL				
	Further inform		classifiable as a huma					
		TWA (Inhalable particulate matter)	10 mg/m³	ACGIH				
		TWA (Respirable particulate matter)	3 mg/m³	ACGIH				
Personal protective equip	design and o protect produ	perated in accor	Id be implemented by dance with GMP prin d the environment.					
Respiratory protection	: If adequate le exposure as	sessment demor	ntilation is not availab Instrates exposures ou e respiratory protectio	utside the				
Filter type	: Particulates	Particulates type						
Hand protection Material	: Chemical-res	sistant gloves						
Eye protection	If the work en mists or aero Wear a faces	nvironment or ac psols, wear the a shield or other fu	e shields or goggles. tivity involves dusty of ppropriate goggles. Il face protection if the the face with dusts, n	ere is a				
Skin and body protection Hygiene measures	: If exposure to eye flushing working plac When using Wash contar The effective engineering appropriate o industrial hyg	systems and saf e. do not eat, drink ninated clothing operation of a fa controls, proper degowning and c	ely during typical use, ety showers close to or smoke. before re-use. acility should include personal protective en lecontamination proce , medical surveillance	the review of quipment, edures,				

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

: powder



/ersion 5.0	Revision Date: 06.07.2024		S Number: 271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015
Colo	pr	:	off-white	
Odo	r	:	No data available	9
Odo	r Threshold	:	No data available	9
pН		:	No data available	9
Melt	ing point/freezing point	:	No data available	9
Initia rang	al boiling point and boiling le	:	No data available	9
Flas	h point	:	Not applicable	
Eva	poration rate	:	Not applicable	
Flam	nmability (solid, gas)	:	May form explosi handling or other	ive dust-air mixture during processing, means.
Flam	nmability (liquids)	:	No data available)
	er explosion limit / Upper mability limit	:	No data available	9
	er explosion limit / Lower mability limit	:	No data available	9
Vap	or pressure	:	Not applicable	
Rela	tive vapor density	:	Not applicable	
Rela	tive density	:	No data available	9
Den	sity	:	No data available	9
	bility(ies) Vater solubility	:	No data available	
	ition coefficient: n- nol/water	:	Not applicable	
	vignition temperature	:	No data available	9
Deco	omposition temperature	:	No data available	2
	osity /iscosity, kinematic	:	Not applicable	
Expl	osive properties	:	Not explosive	
Oxid	lizing properties	:	The substance o	r mixture is not classified as oxidizing.
Mole	ecular weight	:	No data available	9



Version 3.0	Revision Date: 06.07.2024		S Number: 271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015				
	cle characteristics cle size	:	No data availabl	9				
SECTION	N 10. STABILITY AND RE	AC	ΤΙVITY					
Che	ctivity mical stability sibility of hazardous reac- s	: :	Stable under nor May form explos handling or othe	ive dust-air mixture during processing,				
	ditions to avoid	:	Heat, flames and Avoid dust forma	ition.				
	mpatible materials ardous decomposition ucts	:	Oxidizing agentsNo hazardous decomposition products are known					
SECTION	N 11. TOXICOLOGICAL I	NFC	RMATION					
	mation on likely routes of osure	:	Inhalation Skin contact Ingestion Eye contact					
	te toxicity classified based on availa	blo	aformation					
	iponents:	bie	inornation.					
	ulose:							
Acut	e oral toxicity	:	LD50 (Rat): > 5.0	00 mg/kg				
Acut	e inhalation toxicity	:	LC50 (Rat): > 5,8 Exposure time: 4 Test atmosphere	h				
	·	:	Exposure time: 4	h dust/mist				
Acut	e inhalation toxicity	:	Exposure time: 4 Test atmosphere	h dust/mist				
Acut Dora	e inhalation toxicity e dermal toxicity	:	Exposure time: 4 Test atmosphere LD50 (Rabbit): > LD50 (Rat): > 750	h dust/mist 2.000 mg/kg				
Acut Dora	e inhalation toxicity e dermal toxicity	: :	Exposure time: 4 Test atmosphere LD50 (Rabbit): > LD50 (Rat): > 750 Remarks: No mo (Rat): Method: P	h dust/mist 2.000 mg/kg 0 mg/kg rtality observed at this dose.				
Acut Dora	e inhalation toxicity e dermal toxicity		Exposure time: 4 Test atmosphere: LD50 (Rabbit): > LD50 (Rat): > 750 Remarks: No mod (Rat): Method: P Remarks: No evid LD50 (Dog): > 1.0	h dust/mist 2.000 mg/kg 0 mg/kg rtality observed at this dose. hototoxicity dence of phototoxicity was observed				
Acut Dora	e inhalation toxicity e dermal toxicity	:	Exposure time: 4 Test atmosphere: LD50 (Rabbit): > LD50 (Rat): > 750 Remarks: No mod (Rat): Method: P Remarks: No evid LD50 (Dog): > 1.0 Remarks: No mod LD50 (Mouse): >	h dust/mist 2.000 mg/kg 0 mg/kg rtality observed at this dose. hototoxicity dence of phototoxicity was observed 000 mg/kg rtality observed at this dose.				
Acut Dora Acut	e inhalation toxicity e dermal toxicity	:	Exposure time: 4 Test atmosphere: LD50 (Rabbit): > LD50 (Rat): > 750 Remarks: No mod (Rat): Method: P Remarks: No evid LD50 (Dog): > 1.0 Remarks: No mod LD50 (Mouse): >	h dust/mist 2.000 mg/kg 2.000 mg/kg tality observed at this dose. hototoxicity dence of phototoxicity was observed 000 mg/kg tality observed at this dose.				



ersion)	Revision Date: 06.07.2024		S Number: 71-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015
			Assessment:	D Test Guideline 423 The substance or mixture has no acute oral tox
			icity Remarks: Bas	ed on data from similar materials
Acute	dermal toxicity			: > 2.000 mg/kg ed on data from similar materials
Skin o	corrosion/irritation			
Not cl	assified based on ava	ailable ir	nformation.	
Comp	oonents:			
Dorav	/irine:			
Rema	rks	:	No data availa	ble
Magn	esium stearate:			
Speci			Rabbit	
Resul Rema			No skin irritation Based on data	on a from similar materials
	/irine: rks		No data availa	ble
Rema		:	No data availa	ble
Magn	esium stearate:			
Speci Resul			Rabbit	
Rema			No eye irritatio Based on data	a from similar materials
Respi	iratory or skin sensi	tizatior	,	
•	sensitization		-	
Not cl	assified based on ava	ailable ir	nformation.	
-	iratory sensitization			
	assified based on ava	ailable ii	nformation.	
Comp	oonents:			
	/irine:			
Rema	irks	:	No data availa	ble
Magn	esium stearate:			
- · -	Гуре		Maximization	Test
		•	Skin contact	
Route	s of exposure		Guinea nia	
	es	:	Guinea pig OECD Test G	uideline 406



/ersion 8.0	Revision Date: 06.07.2024	SDS Number: 59271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015					
Resul Rema		: negative : Based on da	: negative : Based on data from similar materials					
Not cl	cell mutagenicity assified based on ava	ailable information.						
Comp	oonents:							
Cellu Geno	lose: toxicity in vitro	: Test Type: E Result: nega	Bacterial reverse mutation assay (AMES) ative					
		Test Type: I Result: nega	n vitro mammalian cell gene mutation test ative					
Geno	toxicity in vivo	cytogenetic Species: Mc	Route: Ingestion					
Dora	virine:							
Geno	toxicity in vitro	: Test Type: E Result: nega	Bacterial reverse mutation assay (AMES) ative					
			Chromosomal aberration : Chinese hamster ovary cells ative					
Geno	toxicity in vivo	: Test Type: N Species: Ra Cell type: Bo Application I Result: nega	one marrow Route: Oral					
Magn	esium stearate:							
-	toxicity in vitro	Result: nega	n vitro mammalian cell gene mutation test ative ased on data from similar materials					
		Method: OE Result: nega	Chromosome aberration test in vitro CD Test Guideline 473 ative ased on data from similar materials					
		Result: nega	Bacterial reverse mutation assay (AMES) ative ased on data from similar materials					

Carcinogenicity

Not classified based on available information.



Version 8.0	Revision Date: 06.07.2024		0S Number: 271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015
<u>Comp</u>	oonents:			
	es cation Route sure time	:	Rat Ingestion 72 weeks negative	
Dora	virine:			
	cation Route sure time t	: :	Mouse Oral 6 Months negative No significant ad	verse effects were reported
-	oductive toxicity assified based on availa	able	information.	
	oonents:			
Cellu	lose:			
Effect	s on fertility	:	Test Type: One-o Species: Rat Application Route Result: negative	generation reproduction toxicity study e: Ingestion
Effect	s on fetal development	:	Test Type: Fertili Species: Rat Application Route Result: negative	ty/early embryonic development
Dora	virine:			
Effect	s on fertility	:	Test Type: Fertili Species: Rat, ma Fertility: NOAEL: Result: No effect	le and female 450 mg/kg body weight
Effect	s on fetal development	:	Species: Rat Application Route	oxicity: NOAEL: 450 mg/kg body weight
			Species: Rabbit Application Route	oxicity: NOAEL: 300 mg/kg body weight
Magn	esium stearate:			
-	s on fertility	:		ined repeated dose toxicity study with the elopmental toxicity screening test



Version 8.0	Revision Date: 06.07.2024		S Number: 271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015
			Result: negative	Test Guideline 422
Effect	Effects on fetal development		Test Type: Embryo-fetal development Species: Rat Application Route: Ingestion Result: negative Remarks: Based on data from similar materials	
	F-single exposure lassified based on avai	ilahla i	information	
	F-repeated exposure lassified based on avai	ilahle i	information	
			inionnation.	
-	ated dose toxicity			
<u>Com</u>	ponents:			
Cellu	lose:			
Speci		:	Rat	
NOA Appli	L cation Route	:	>= 9.000 mg/kg Ingestion)
	sure time	:	90 Days	
Dama				
Speci	virine:		Rat	
NOA		÷	450 mg/kg	
	cation Route	:	Oral	
•	sure time	:	6 Months	duoroo offecto were reported
Rema	arks	•	No significant a	dverse effects were reported
Speci		:	Mouse	
NOA	=L cation Route	:	> 450 mg/kg Oral	
	sure time	:	3 Months	
Rema	arks	:	No significant a	dverse effects were reported
Speci	es	:	Dog	
NOA	ΞL	:	> 1.000 mg/kg	
	cation Route	:	Oral 9 Months	
Rema	sure time arks	:		dverse effects were reported
			-	-
-	esium stearate:			
Speci		:	Rat	
NOA Applio	=L cation Route	:	> 100 mg/kg Ingestion	
, (ppin		:	90 Days	
Expo	sure time	•		from similar materials



rsion)	Revision Date: 06.07.2024		0S Number: 271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015		
Not cla	ation toxicity assified based on availa					
-	ience with human exp	osu	ire			
	<u>onents:</u> 					
Dorav Ingest	-	: Symptoms: confusion, Headache, Dizziness, Nausea, abnormal dreams, flushing, Neurological disorders, modepression				
CTION '	12. ECOLOGICAL INFO	DRN	IATION			
Ecoto	xicity					
Comp	onents:					
Cellul	ose:					
Toxicit	ry to fish	:	Exposure time: 48	ipes (Japanese medaka)): > 100 mg/l 3 h on data from similar materials		
Dorav	irine:					
	ty to daphnia and other c invertebrates	:	Exposure time: 48 Method: OECD T			
			EC50 (Americam Exposure time: 96			
Toxicit plants	y to algae/aquatic	:	mg/l Exposure time: 72 Method: OECD T			
			mg/l Exposure time: 72 Method: OECD T			
Toxicit icity)	ty to fish (Chronic tox-	:	Exposure time: 32 Method: OECD T			
	ty to daphnia and other c invertebrates (Chron- city)	:	NOEC (Daphnia magna (Water flea)): 6,7 mg/l Exposure time: 21 d Method: OECD Test Guideline 211 Remarks: No toxicity at the limit of solubility.			
	y to microorganisms		EC50: > 1.000 mg	~//		



ersion .0	Revision Date: 06.07.2024		9S Number: 271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015
			Exposure time: 3 Test Type: Respir Method: OECD Te	ation inhibition
			NOEC: 1.000 mg/ Exposure time: 3 Test Type: Respir Method: OECD Te	h ation inhibition
Magn	esium stearate:			
-	ity to fish	:	Exposure time: 48 Method: DIN 3841	
	ity to daphnia and other ic invertebrates	:	EL50 (Daphnia ma Exposure time: 47 Test substance: V Method: Directive	agna (Water flea)): > 1 mg/l ' h Vater Accommodated Fraction 67/548/EEC, Annex V, C.2. on data from similar materials
Toxici plants	ty to algae/aquatic	:	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: V Method: OECD Te	Vater Accommodated Fraction
Toxici	ty to microorganisms	:	Exposure time: 16 Test substance: V	nas putida): > 100 mg/l 5 h Vater Accommodated Fraction on data from similar materials
Persi	stence and degradabili	ity		
<u>Comp</u>	oonents:			
Cellu l Biode	lose: gradability	:	Result: Readily bi	odegradable.
	virine: gradability	:	Result: Not readily	
			Biodegradation: 2 Exposure time: 28	



Version 8.0	Revision Date: 06.07.2024		DS Number: 0271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015
Biode	nesium stearate: egradability ccumulative potential	:	Result: Not biode Remarks: Based	gradable on data from similar materials
Com	ponents:			
Partit	virine: ion coefficient: n- nol/water	:	log Pow: 2,08	
Partit	Magnesium stearate: Partition coefficient: n- octanol/water		log Pow: > 4	
Mobi	lity in soil			
Com	ponents:			
Distri	virine: bution among environ- al compartments	:	log Koc: 2,86	
••	r adverse effects ata available			
SECTION	13. DISPOSAL CONSI	DEF	RATIONS	

Disposal methods Waste from residues : Do not dispose of waste into sewer.

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 approve handling site for recycling or disposal. If not otherwise specified: Dispose of as unused 	

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





Versio 8.0	n Revision Date: 06.07.2024	SDS Number: 59271-00025	Date of last issue: 06.04.2024 Date of first issue: 16.02.2015						
SECT	ION 15. REGULATORY IN	FORMATION							
	afety, health and environ nixture	mental regulations/	egislation specific for the substance or						
	Argentina. Carcinogenic Substances and Agents : Not applicable Registry.								
	Control of precursors and essential chemicals for the : Not applicable preparation of drugs.								
т	The ingredients of this product are reported in the following inventories:								
A	ICS	: not determined	l						
C	SL	: not determined	I						
11	IECSC : not determined								
SECTION 16. OTHER INFORMATION									

Revision Date	:	06.07.2024
Date format	:	dd.mm.yyyy

Further information

Sources of key data used to	:	Internal technical data, data from raw material SDSs, OECD
compile the Material Safety		eChem Portal search results and European Chemicals Agen-
Data Sheet		cy, 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.

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 Con-



Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
8.0	06.07.2024	59271-00025	Date of first issue: 16.02.2015

centration 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 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