



Version	Revision Date:	SDS Number:	Date of last issue: 2024/04/06
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1. PRODUCT AND COMPANY IDENTIFICATION

Chemical product name	:	Letermovir Solid Formulation
Supplier's company name, ac Company name of supplier		ess and phone number MSD
Address	:	Kumagaya, Saitama Prefecture , Xicheng 810 MSD Co., Ltd. Menuma factory
Telephone	:	048-588-8411
E-mail address	:	EHSDATASTEWARD@msd.com
Emergency telephone number	:	+1-908-423-6000

Recommended use of the chemical and restrictions on use

Recommended use	:	Pharmaceutical
Restrictions on use	:	Not applicable

2. HAZARDS IDENTIFICATION

GHS classification of chemic Reproductive toxicity		product Category 2
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Liver, spleen, Blood)
Short-term (acute) aquatic hazard	:	Category 3
GHS label elements Hazard pictograms	:	
Signal word	:	Warning
Hazard statements	:	H361d Suspected of damaging the unborn child. H373 May cause damage to organs (Liver, spleen, Blood) through prolonged or repeated exposure if swallowed. H402 Harmful to aquatic life.
Precautionary statements	:	Prevention: P201 Obtain special instructions before use.



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			and understo P260 Do not P273 Avoid re	breathe dust. elease to the environment. rotective gloves/ protective clothing/ eye protec-
			Response: P308 + P313 attention.	IF exposed or concerned: Get medical advice/
			Storage: P405 Store Ic	ocked up.
			Disposal: P501 Dispose disposal plan	e of contents/ container to an approved waste t.
Othe	r hazards which do n	ot resu	It in classific	ation
	rtant symptoms and ou of the emergency as- ed		Contact with the skin.	with the eyes can lead to mechanical irritation. dust can cause mechanical irritation or drying of plosive dust-air mixture during processing, han- means.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)	ENCS No.
Cellulose	9004-34-6	>= 40 - < 50	
Letermovir	917389-32-3	>= 40 - < 50	
Magnesium stearate	557-04-0	>= 1 - < 10	2-611

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 plent of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. 	У
In case of eye contact	: If in eyes, rinse well with water.	



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Most and e delay Prote	allowed important symptoms iffects, both acute and ed ction of first-aiders	: : :	If swallowed, DO Get medical atter Rinse mouth thor Suspected of dar May cause dama exposure if swall Contact with dust the skin. Dust contact with First Aid respond and use the recor- when the potentia	oughly with water. naging the unborn child. ge to organs through prolonged or repeated
	GHTING MEASURES			
Suital	ble extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (0 Dry chemical	
Unsui media	itable extinguishing a	:	None known.	
Speci fightir	ific hazards during fire- ng	:	concentrations, a potential dust exp	dust; fine dust dispersed in air in sufficient nd in the presence of an ignition source is a plosion hazard. bustion products may be a hazard to health.
Haza ucts	rdous combustion prod-	:	Carbon oxides Metal oxides Nitrogen oxides (NOx)
Speci ods	ific extinguishing meth-	:	cumstances and Use water spray	g measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. ged containers from fire area if it is safe to do
	ial protective equipment efighters	:		e, wear self-contained breathing apparatus. tective equipment.

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 perso tective equipment recommendations (see section 8).	onal pro-
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so.	





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			spose of contaminated wash water. ties should be advised if significant spillages ntained.
	ods and materials for inment and cleaning up	tainer for disp Avoid dispers with compres Dust deposits es, as these leased into th Local or natio posal of this r employed in t mine which re Sections 13 a	al of dust in the air (i.e., clearing dust surfaces
7. HANDL	ING AND STORAGE		
Hand	-		
Local	nical measures /Total ventilation e on safe handling	 causing an ex Provide adeq and bonding, Use only with Do not breath Do not swalld Avoid contact Avoid prolong Handle in acc 	uate precautions, such as electrical grounding or inert atmospheres. adequate ventilation. ne dust. ww.
	ance of contact ne measures	 sessment Minimize dus Keep contain Keep away fr Take precaut Take precaut Take care to environment. Oxidizing age If exposure to flushing syste place. When using of Wash contam The effective engineering of appropriate of industrial hyg 	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



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Stora	age		
Cond	litions for safe storage	Store	in properly labelled containers. locked up. in accordance with the particular national regulations.
Mate	rials to avoid	: Do n	bt store with the following product types: g oxidizing agents
Pack	aging material	: Unsu	table material: None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Threshold limit value and permissible exposure limits for each component in the work environment

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Concentra- tion standard / Permissible con- centration	Basis
Cellulose	9004-34-6	TWA	10 mg/m3	ACGIH
Letermovir	917389-32-3	TWA	0.4 mg/m3 (OEB 2)	Internal
Magnesium stearate	557-04-0	TWA (Inhal- able particu- late matter)	10 mg/m3	ACGIH
		TWA (Res- pirable par- ticulate mat- ter)	3 mg/m3	ACGIH

Engineering measures	:	Use feasible engineering controls to minimize exposure to compound. All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.
Personal protective equipme	ent	
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	:	Particulates type
Hand protection Material		Chemical-resistant gloves
Material	·	Chemical-resistant gioves
Eye protection	:	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.
Skin and body protection	:	Work uniform or laboratory coat.





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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : powder	
Colour : No data available	
Odour : No data available	
Odour Threshold : No data available	
Melting point/freezing point : No data available	
Boiling point, initial boiling : No data available point and boiling range	
Flammability (solid, gas) : May form explosive dust-air mixture during process dling or other means.	sing, han-
Flammability (liquids) : No data available	
Lower explosion limit and upper explosion limit / flammability limit Upper explosion limit / Up- : No data available per flammability limit	
Lower explosion limit / : No data available Lower flammability limit	
Flash point : Not applicable	
Decomposition temperature : No data available	
pH : No data available	
Evaporation rate : Not applicable	
Auto-ignition temperature : No data available	
Viscosity Viscosity, kinematic : Not applicable	
Solubility(ies) Water solubility : No data available	
Partition coefficient: n- : Not applicable octanol/water	
Vapour pressure : Not applicable	
Density and / or relative density Relative density : No data available	
Density : No data available	

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Rela	tive vapour density	:	Not applicable	
Explo	osive properties	:	Not explosive	
Oxid	izing properties	:	The substance of	or mixture is not classified as oxidizing.
	cle characteristics article size	:	No data availabl	e
D. STAB	ILITY AND REACTIVITY	r		
Cher	ctivity nical stability ibility of hazardous reac-	:	Stable under no May form explose dling or other me	ive dust-air mixture during processing, han
Cond	litions to avoid	:	Heat, flames an Avoid dust form	
	npatible materials ardous decomposition ucts	:	Oxidizing agents	
I. TOXI	COLOGICAL INFORMAT	101	N	
Infor expo	mation on likely routes of sure	:	Inhalation Skin contact Ingestion Eye contact	
Not o	e toxicity classified based on availa	ble	information.	
Not o <u>Com</u>	classified based on availa ponents:	ble	information.	
Not o <u>Com</u> Cellu	classified based on availa	ble :	information. LD50 (Rat): > 5,0	000 mg/kg
Not o <u>Com</u> Cellu Acute	classified based on availa ponents: Ilose:	ble :		3 mg/l h
Not c <u>Com</u> Cellu Acute	classified based on availa ponents: Ilose: e oral toxicity	ble : :	LD50 (Rat): > 5,0 LC50 (Rat): > 5.8 Exposure time: 4	8 mg/l h : dust/mist
Not c <u>Com</u> Acute Acute	classified based on availa ponents: Ilose: e oral toxicity e inhalation toxicity	ble : :	LD50 (Rat): > 5,0 LC50 (Rat): > 5.8 Exposure time: 4 Test atmosphere	8 mg/l h : dust/mist
Not c Com Cellu Acute Acute Acute	classified based on availa ponents: ulose: e oral toxicity e inhalation toxicity e dermal toxicity	ble : :	LD50 (Rat): > 5,0 LC50 (Rat): > 5.8 Exposure time: 4 Test atmosphere	8 mg/l h : dust/mist 2,000 mg/kg



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11			
	esium stearate:		
	oral toxicity	Assessment: T icity	2,000 mg/kg) Test Guideline 423 The substance or mixture has no acute oral to ed on data from similar materials
Acute	dermal toxicity	: LD50 (Rabbit): Remarks: Base	> 2,000 mg/kg ed on data from similar materials
	corrosion/irritation		
	assified based on av ponents:	ailable information.	
Rema	movir: urks	: No data availa	ale
		. No data avana	
Magn	esium stearate:		
Speci		: Rabbit	-
Resul Rema		: No skin irritatio : Based on data	n from similar materials
Not cl <u>Com</u>	us eye damage/eye assified based on av ponents: movir:		
Rema	ırks	: No data availa	ble
Magn	esium stearate:		
Speci		: Rabbit	
Resul Rema		: No eye irritatio	n from similar materials
Reina	1185	. Dased on data	
Resp	iratory or skin sens	itisation	
	sensitisation assified based on av	ailable information.	
-	iratory sensitisatior assified based on av		
	oonents:		
	movir:		
Leter	·		
Leter Rema	ırks	: No data availa	ble



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Test	sure routes ies od It	: negative	ct
Not c	n cell mutagenicity lassified based on ava ponents:	ilable information.	
Cellu Geno	toxicity in vitro	: Test Type: Result: neg	Bacterial reverse mutation assay (AMES) ative
		Test Type: Result: neg	In vitro mammalian cell gene mutation test ative
Geno	toxicity in vivo	cytogenetic Species: M	ouse Route: Ingestion
II Lotor	movir:		
	toxicity in vitro	: Test Type: Result: neg	Bacterial reverse mutation assay (AMES) ative
		Test Type: Result: neg	Chromosome aberration test in vitro ative
Geno	toxicity in vivo	cytogenetic Species: M	ouse Route: Intraperitoneal injection
	cell mutagenicity -	: Weight of e cell mutage	evidence does not support classification as a germ
Magn	nesium stearate:		
	toxicity in vitro	Result: neg	In vitro mammalian cell gene mutation test ative Based on data from similar materials
			Chromosome aberration test in vitro ECD Test Guideline 473 jative



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I		Remarks: Ba	sed on data from similar materials
		Result: negat	acterial reverse mutation assay (AMES) ive sed on data from similar materials
		Remarks. Da	sed on data from similar materials
	n ogenicity assified based on ava	lable information.	
Comp	onents:		
Cellul Specie		: Rat	
	ation Route sure time t	: Ingestion : 72 weeks : negative	
-	oductive toxicity ected of damaging the	unborn child.	
<u>Comp</u>	onents:		
Cellul	ose:		
Effects	s on fertility	Species: Rat	ne-generation reproduction toxicity study oute: Ingestion ive
Effects ment	s on foetal develop-	Species: Rat	ertility/early embryonic development oute: Ingestion ive
Leteri	novir:		
Effects	s on fertility	Species: Rat, Application R Fertility: NOA	
		Species: Rat, Application R Fertility: LOA Result: No ef	



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Effect ment	ts on foetal develop-	Result: N : Test Type Species: Developr	NOAEL: 240 mg/kg body weight o effects on fertility e: Embryo-foetal development Rat nental Toxicity: LOAEL: 250 mg/kg body weight mbryo-foetal toxicity
		Test Typ Species: Developr Result: E Abortion	Maternal toxicity observed. E: Embryo-foetal development Rabbit nental Toxicity: LOAEL: 225 mg/kg body weight mbryo-foetal toxicity, Malformations were observed.,
Repro sessn	oductive toxicity - As- nent		dence of adverse effects on development, based on operiments.
Magn	esium stearate:		
Effect	ts on fertility	reproduc Species: Applicatio Method: Result: n	on Route: Ingestion DECD Test Guideline 422
Effect ment	ts on foetal develop-	Species: Application Result: n	on Route: Ingestion
	- single exposure lassified based on avai	able informatio	n.
		s (Liver, spleer	, Blood) through prolonged or repeated exposure if
<u>Com</u>	oonents:		
Leter	movir:		
Targe	sure routes et Organs ssment		een, Blood se damage to organs through prolonged or repeated

Organs	:	Liver, spleen, Blood
ment	:	May cause damage to organs through prolonged or repeated
		exposure.



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Com Cellu Speci NOAE Applio	es	: Rat : >= 9,000 mg/ : Ingestion : 90 Days	′kg
Speci NOAE LOAE Applic Expos Targe	EL EL cation Route sure time et Organs	: Mouse : 40 mg/kg : 100 mg/kg : Oral : 13 Weeks : Liver, spleen	
	EL cation Route sure time	: Rat : 150 mg/kg : Oral : 26 Weeks : No significan	t adverse effects were reported
Expos	ΞL	: Monkey : 100 mg/kg : 200 - 250 mg : Oral : 39 Weeks : Kidney	ı/kg
	EL	: Rat : 60 mg/kg : 180 mg/kg : 13 Weeks : Testis, Blood	, Liver, spleen, Immune system
Expos	ΞL	: Monkey : 30 mg/kg : 100 mg/kg : Oral : 4 Weeks : Blood	
Speci NOAE Applie	EL cation Route sure time	: Rat : > 100 mg/kg : Ingestion : 90 Days : Based on dat	a from similar materials



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Aspiration toxicity

Not classified based on available information.

Experience with human exposure

Components:

Letermovir:

Ingestion

: Symptoms: Diarrhoea, Nausea, Vomiting, Headache, Dizziness, Fatigue, Back pain, Oedema, Rash, muscle pain

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Cellulose:

Cellulose.		
Toxicity to fish	:	LC50 (Oryzias latipes (Japanese medaka)): > 100 mg/l Exposure time: 48 h Remarks: Based on data from similar materials
Letermovir:		
Toxicity to fish	:	LC50 (Menidia beryllina (Silverside)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Americamysis): 16 mg/l Exposure time: 96 h
		EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): > 8.8 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility
		NOEC (Pseudokirchneriella subcapitata (green algae)): 8.8 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility
Toxicity to fish (Chronic tox- icity)	:	NOEC (Pimephales promelas (fathead minnow)): 1 mg/l Exposure time: 32 d Method: OECD Test Guideline 210 Remarks: No toxicity at the limit of solubility

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	c invertebrates (Chron-	:	Exposure time: 2	magna (Water flea)): 1.2 mg/l 1 d Fest Guideline 211
	ty to microorganisms	:	EC50: > 972 mg, Exposure time: 3 Test Type: Resp Method: OECD T NOEC: 29.6 mg/ Exposure time: 3 Test Type: Resp	/l 5 h iration inhibition Test Guideline 209 I 5 h
Magne	esium stearate:			
Toxicit	ty to fish	:	Exposure time: 4 Method: DIN 384	
	ty to daphnia and other c invertebrates	:	Exposure time: 4 Test substance: Method: Directive	Water Accommodated Fraction e 67/548/EEC, Annex V, C.2. on data from similar materials
Toxicit plants	ty to algae/aquatic	:	mg/l Exposure time: 7 Test substance: Method: OECD 7 Remarks: Based No toxicity at the NOELR (Pseudo	Water Accommodated Fraction Fest Guideline 201 on data from similar materials
			Method: OECD	2 h Water Accommodated Fraction Fest Guideline 201 on data from similar materials
Toxicit	ty to microorganisms	:	Exposure time: 1 Test substance:	onas putida): > 100 mg/l 6 h Water Accommodated Fraction on data from similar materials

Persistence and degradability

Components:

Cellulose:

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Biode	egradability	:	Result: Readily b	iodegradable.	
	movir:				
Biode	Biodegradability		Result: rapidly degradable Biodegradation: 50 % Exposure time: 6.7 d		
Magr	nesium stearate:				
Biode	egradability	:	Result: Not biode Remarks: Based	egradable on data from similar materials	
Bioa	ccumulative potential				
<u>Com</u>	ponents:				
Leter	movir:				
	ion coefficient: n- nol/water	:	log Pow: 2.29		
Partit	nesium stearate: ion coefficient: n- nol/water	:	log Pow: > 4		
Mobi	lity in soil				
Com	ponents:				
Distri	movir: bution among environ- al compartments	:	log Koc: 3.46		
	rdous to the ozone lay	er			
	r adverse effects ata available				
13. DISPO	SAL CONSIDERATION	NS			
-	osal methods e from residues	:	Dispose of in acc	ordance with local regulations.	

Waste from residues	:	Dispose of in accordance with local regulations.
		Do not dispose of waste into sewer.
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.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG



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UN nu	Imber	:	Not applicable	
Prope	r shipping name	:	Not applicable	
Class		:	Not applicable	
	diary risk	:	Not applicable	
	ng group	:	Not applicable	
Labels		:	Not applicable	
Envirc	nmentally hazardous	:	no	
IATA-	DGR			
UN/ID	No.	:	Not applicable	
Prope	r shipping name	:	Not applicable	
Class		:	Not applicable	
Subsid	diary risk	:	Not applicable	
Packir	ng group	:	Not applicable	
Labels	3	:	Not applicable	
Packir aircrat	ng instruction (cargo t)	:	Not applicable	
Packir ger aiı	ng instruction (passen-	:	Not applicable	
IMDG	-Code			
UN nu	Imber	:	Not applicable	
Prope	r shipping name	:	Not applicable	
Class		:	Not applicable	
Subsid	diary risk	:	Not applicable	
	ng group	:	Not applicable	
Labels		:	Not applicable	
EmS (:	Not applicable	
Marine	e pollutant	:	Not applicable	

Not applicable for product as supplied.

National Regulations

Refer to section 15 for specific national regulation.

Special precautions for user

Not applicable

15. REGULATORY INFORMATION

Related Regulations

Fire Service Law

Not applicable to dangerous materials / designated flammables.

Chemical Substance Control Law

Not applicable for Specified Chemical Substance, Monitoring Chemical Substance and Priority Assessment Chemical Substance.

Industrial Safety and Health Law

Harmful Substances Prohibited from Manufacture Not applicable





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	iful Substances Rec pplicable	uired Permission fo	r Manufacture	
	tances Prevented F pplicable	rom Impairment of H	ealth	
Circu on Ex			Is having Mutagenicity - /	Annex 2: Information
on N		rmation on Chemica naving Mutagenicity	Is having Mutagenicity -	Annex 1: Informatior
	tances Subject to b			
	e 57-2 (Enforcement mical name	Order Table 9)	Concentration (%)	Remarks
	nesium stearate		>=1 - <10	-
Article Cher	tances Subject to b e 57 (Enforcement Ou mical name nesium stearate			Remarks
Not a Carci tions	pplicable inogenic Substance		equirements (ISHL MO A e Occupational Health ar	
	nance on Preventior pplicable	of Hazards Due to S	Specified Chemical Subs	tances
	nance on Preventior pplicable	of Lead Poisoning		
	nance on Preventior pplicable	n of Tetraalkyl Lead F	Poisoning	
	nance on Preventior pplicable	of Organic Solvent	Poisoning	
	rcement Order of the tances) pplicable	e Industrial Safety ar	nd Health Law - Attached	table 1 (Dangerous
Not a		us Substances Cont	rol Law	
Poiso	onous and Deleterio pplicable			





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-	Pressure Gas Safety	y Act						
-	osive Control Law							
	el Safety Law egulated as a dangero	ous good						
	Aviation Law Not regulated as a dangerous good							
Marin	e Pollution and Sea	Disaster Prevention	etc Law					
Bulk t	ransportation	: Not classified	as noxious liquid substance					
Pack	transportation	: Not classified	as marine pollutant					
Narco Not aj Speci	oplicable	aw Material (Export / I	mport Permission) Export / Import permission)					
	e Disposal and Publ trial waste	ic Cleansing Law						
The c AICS	omponents of this p	broduct are reported : not determine	in the following inventories: d					
DSL		: not determine	d					
IECS	C	: not determine	d					

16. OTHER INFORMATION

In this SDS, if the concentration of substances subject to notification under the Industrial Safety and Health Law is indicated as a range, it includes cases where it is a trade secret.

Further information

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

Date format :		yyyy/mm/dd
Full text of other abbreviation	ons	
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH / TWA	:	8-hour, time-weighted average



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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.

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