According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

## Letermovir Liquid Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.4	28.09.2024	9371551-00008	Date of first issue: 27.08.2021

### **SECTION 1:** Identification of the substance/mixture and of the company/undertaking

1.1	Product identifier Trade name	:	Letermovir Liquid Formulation
1.2	Relevant identified uses of th	ne s	ubstance or mixture and uses advised against
	Use of the Sub- stance/Mixture		Pharmaceutical
	Recommended restrictions on use	:	Not applicable
1.3	Details of the supplier of the	saf	ety data sheet
	Company	:	MSD 120 Moorgate EC2M 6UR London, United Kingdom
	Telephone	:	+44 (0) 2081548000
	E-mail address of person responsible for the SDS	:	EHSDATASTEWARD@msd.com

### **1.4 Emergency telephone number**

1-908-423-6000

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Not a hazardous substance or mixture.

### 2.2 Label elements

# Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

EUH210 Safety data sheet available on request.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## Letermovir Liquid Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.4	28.09.2024	9371551-00008	Date of first issue: 27.08.2021

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Letermovir	917389-32-3	Repr. 2; H361d STOT RE 2; H373 (Liver, spleen, Blood)	>= 1 - < 3

For explanation of abbreviations see section 16.

### **SECTION 4: First aid measures**

#### 4.1 Description of 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. Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8). 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. In case of eye contact Flush eyes with water as a precaution. : Get medical attention if irritation develops and persists. If swallowed : If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.



## Letermovir Liquid Formulation

Version 3.4	n Revision Date: 28.09.2024	-	OS Number: 71551-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021		
	ost important symptoms an one known.	nd e	effects, both acute	e and delayed		
4.3 Inc	lication of any immediate	meo	dical attention and	d special treatment needed		
Tr	Treatment : Treat symptomatically and supportively.					
SECT	ION 5: Firefighting mea	sur	es			
5.1 Ex	tinguishing media					
S	uitable extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical			
	nsuitable extinguishing edia	:	None known.			
5.2 Sp	ecial hazards arising from	n the	e substance or mi	xture		
	pecific hazards during fire- ghting	:	Exposure to com	pustion products may be a hazard to health.		
	azardous combustion prod- cts	:	Carbon oxides			
5.3 Ad	vice for firefighters					
	pecial protective equipment r firefighters	:		e, wear self-contained breathing apparatus. tective equipment.		
SI	pecific extinguishing meth- ds	:	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		

### **SECTION 6: Accidental release measures**

#### 6.1 Personal precautions, protective equipment and emergency procedures

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

Environmental precautions	:	Avoid release to the environment.
		Prevent further leakage or spillage if safe to do so.
		Prevent spreading over a wide area (e.g. by containment or oil
		barriers).
		Retain and dispose of contaminated wash water.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## Letermovir Liquid Formulation

Version 3.4	Revision Date: 28.09.2024	SDS Number: 9371551-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
			s rivers or watercourses, inform the Environ- emergency telephone number 0800 807060).
6.3 Metho	ds and material for o	ontainment and clea	ning up
Meth			ert absorbent material. provide dyking or other appropriate contain- laterial from spreading. If dyked material can be recovered material in appropriate container. ning materials from spill with suitable absor- al regulations may apply to releases and dis- laterial, as well as those materials and items e cleanup of releases. You will need to deter- ulations are applicable. d 15 of this SDS provide information regarding national requirements.

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

### **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

	Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
	Local/Total ventilation Advice on safe handling	:	Use only with adequate ventilation. Do not breathe mist or vapours. Do not swallow. Avoid contact with 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
			Take care to prevent spills, waste and minimize release to the environment.
	Hygiene measures	:	If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contami- nated clothing before re-use. The effective operation of a facility should include review of
			engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls.
r	Conditions for safe storage	incl	uding any incompatibilities

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep in properly labelled containers. Store in accordance with the particular national regulations.
Advice on common storage	:	Do not store with the following product types: Strong oxidizing agents

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



### **Letermovir Liquid Formulation**

Version 3.4	Revision Date: 28.09.2024	SDS Number: 9371551-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
		Gases	
-	f <b>ic end use(s)</b> ific use(s)	: No data availabl	le

### **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Letermovir	917389-32- 3	TWA	0.4 mg/m3 (OEB 2)	Internal

#### 8.2 Exposure controls

#### **Engineering measures**

Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip-less quick connections).

All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Laboratory operations do not require special containment.

#### Personal protective equipment

Eye/face 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.	
Hand protection Material	:	Chemical-resistant gloves	
Skin and body protection Respiratory protection	:	Work uniform or laboratory coat. If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Equipment should conform to BS EN 143	
Filter type	:	Particulates type (P)	

### **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: clear
Odour	: odourless
Odour Threshold	: No data available
рН	: 7.5

pН

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## Letermovir Liquid Formulation

Ver 3.4	sion	Revision Date: 28.09.2024		S Number: '1551-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
	Melting	point/freezing point	:	No data available	
		oiling point and boiling	:	No data available	
	range Flash p	oint	:	No data available	
	Evapor	ation rate	:	No data available	
	Flamma	ability (solid, gas)	:	Not applicable	
		explosion limit / Upper bility limit	:	No data available	
		explosion limit / Lower bility limit	:	No data available	
	Vapour	pressure	:	No data available	
	Relative	e vapour density	:	No data available	
	Relative	e density	:	No data available	
	Density	,	:	No data available	•
	Partitio	er solubility n coefficient: n-	:	No data available Not applicable	
	octanol Auto-ig	/water nition temperature	:	No data available	
	Decom	position temperature	:	No data available	
	Viscosi Visc	ty :osity, kinematic	:	No data available	
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance or	mixture is not classified as oxidizing.
9.2	Other in	formation			
	Flamma	ability (liquids)	:	No data available	
	Particle	size	:	Not applicable	

### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

Not classified as a reactivity hazard.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## Letermovir Liquid Formulation

Versic 3.4	on	Revision Date: 28.09.2024		9S Number: 71551-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021			
10.2 0	Chemi	cal stability						
S	Stable	under normal conditior	าร.					
10.3 F	Possib	ility of hazardous rea	actio	ons				
F	Hazardous reactions : Can react with strong oxidizing agents.							
10.4 0	Condit	ions to avoid						
	Conditions to avoid : None known.							
10 5 h	ncomi	patible materials						
	-	ls to avoid	:	Oxidizing agents				
				5 5				
		lous decomposition	-					
N	lo haz	ardous decomposition	pro	ducts are known.				
SECT		11: Toxicological ir	nfor	mation				
		ation on toxicologica ition on likely routes of		Inhalation				
	exposu	•	•	Skin contact				
	•			Ingestion				
_				Eye contact				
		t <b>oxicity</b> ssified based on availa	abla	information				
		onents:		information.				
	.eterm	ovir: oral toxicity		LD50 (Rat): > 2,0	00 ma/ka			
~			•	. ,				
				LD50 (Mouse): >	2,000 mg/kg			
S	Skin co	orrosion/irritation						
Ν	lot cla	ssified based on availa	able	information.				
<u>C</u>	Compo	onents:						
L	.eterm	ovir:						
F	Remarl	٢S	:	No data available				
9	Seriou	s eye damage/eye irr	itati	on				
		ssified based on availa						
<u>c</u>	Compo	onents:						
	.eterm							
	Remark	-	:	No data available				

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## Letermovir Liquid Formulation

Vers 3.4	sion	Revision Date: 28.09.2024		DS Number: 71551-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
	Resp	iratory or skin sensitis	atio	on	
	-	sensitisation lassified based on availa	able	information.	
	-	iratory sensitisation lassified based on availa	able	information.	
	<u>Com</u>	ponents:			
	<b>Leter</b> Rema	<b>movir:</b> arks	:	No data available	
		a cell mutagenicity lassified based on availa	able	information.	
	<u>Com</u>	oonents:			
	Leter	movir:			
	Geno	toxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)
				Test Type: Chron Result: negative	nosome aberration test in vitro
	Geno	toxicity in vivo	:	cytogenetic assay Species: Mouse	nalian erythrocyte micronucleus test (in vivo /) e: Intraperitoneal injection
	Germ sessr	cell mutagenicity- As- nent	:	Weight of evidend cell mutagen.	ce does not support classification as a germ
		nogenicity lassified based on availa	able	information.	
	-	oductive toxicity lassified based on availa	able	information.	
	<u>Com</u>	oonents:			
		<b>movir:</b> ts on fertility	:	Test Type: Fertilit Species: Rat, fem	

Application Route: Oral

Species: Rat, male Application Route: Oral

Result: No effects on fertility

Fertility: NOAEL: 240 mg/kg body weight

Fertility: LOAEL: 180 mg/kg body weight

Test Type: Fertility/early embryonic development

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## Letermovir Liquid Formulation

ersion 4	Revision Date: 28.09.2024		Number: 1551-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
		I	Result: No effe Remarks: The certain.	cts on fertility significance of these findings for humans is no
			Species: Monk Application Ro	ute: Oral L: 240 mg/kg body weight
Effects on foetal develop- : ment			Species: Rat Developmenta Result: Embryo	bryo-foetal development I Toxicity: LOAEL: 250 mg/kg body weight o-foetal toxicity ernal toxicity observed.
			Species: Rabb Developmental Result: Embryc Abortion	bryo-foetal development it I Toxicity: LOAEL: 225 mg/kg body weight p-foetal toxicity, Malformations were observed ernal toxicity observed.
Repro sessr	oductive toxicity - As- nent		Some evidence animal experim	e of adverse effects on development, based o nents.
	<b>- single exposure</b> lassified based on ava	ilable ir	formation.	
	- repeated exposure			
-	lassified based on ava	ilable ir	formation.	
_	<u>ponents:</u>			
Expo Targe	<b>movir:</b> sure routes et Organs ssment	:   :	ngestion Liver, spleen, E May cause dar exposure.	Blood nage to organs through prolonged or repeated
Repe	ated dose toxicity			
<u>Com</u>	ponents:			
Leter	movir:			
Expo	ΞL		Mouse 40 mg/kg 100 mg/kg Dral 13 Weeks ∟iver, spleen	
Speci	ies	:	Rat	

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## Letermovir Liquid Formulation

Version 3.4	Revision Date: 28.09.2024	SDS Number: 9371551-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
	cation Route sure time	: 150 mg/kg : Oral : 26 Weeks : No significal	nt adverse effects were reported
Expo	EL	: Monkey : 100 mg/kg : 200 - 250 m : Oral : 39 Weeks : Kidney	ng/kg
	EL	: Rat : 60 mg/kg : 180 mg/kg : 13 Weeks : Testis, Blood	d, Liver, spleen, Immune system
Expo	EL	: Monkey : 30 mg/kg : 100 mg/kg : Oral : 4 Weeks : Blood	
•	ration toxicity lassified based on ava	ailable information.	
Expe	erience with human e	xposure	
<u>Com</u>	ponents:		
Leter	rmovir:		
Inges	stion		Diarrhoea, Nausea, Vomiting, Headache, Dizzi- e, Back pain, Oedema, Rash, muscle pain
SECTIO	N 12: Ecological inf	ormation	
12.1 Toxi	city		
<u>Com</u>	ponents:		
Leter	rmovir:		
Toxic	to fish	: LC50 (Menie	dia beryllina (Silverside)): > 100 mg/l

Exposure time: 96 h

Exposure time: 96 h

Exposure time: 48 h

Toxicity to daphnia and other : EC50 (Americamysis): 16 mg/l

aquatic invertebrates

Method: OECD Test Guideline 203

Method: OECD Test Guideline 202

EC50 (Daphnia magna (Water flea)): > 100 mg/l

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## Letermovir Liquid Formulation

Vers 3.4	sion	Revision Date: 28.09.2024	-	0S Number: 71551-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021	
	Toxicity plants	v to algae/aquatic	:	mg/l Exposure time: 72 Method: OECD T		
				mg/l Exposure time: 72 Method: OECD T		
	Toxicity	to microorganisms	:	EC50 : > 972 mg/ Exposure time: 3 Test Type: Respin Method: OECD T	h	
				NOEC : 29.6 mg/ Exposure time: 3 Test Type: Respin Method: OECD T	h	
	Toxicity icity)	to fish (Chronic tox-	:	Method: OECD T	2 d ales promelas (fathead minnow) est Guideline 210 city at the limit of solubility	
		to daphnia and other invertebrates (Chron- ty)	:	: NOEC: 1.2 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211		
12.2	Persist	tence and degradabil	ity			
	Compo	onents:				
	Leterm Biodeg	<b>ovir:</b> radability	:	Result: rapidly de Biodegradation: 4 Exposure time: 6.	50 %	
12.3	Bioaco	umulative potential				
	Compo	onents:				
	Leterm Partition octanol	n coefficient: n-	:	log Pow: 2.29		

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



### Letermovir Liquid Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.4	28.09.2024	9371551-00008	Date of first issue: 27.08.2021

### 12.4 Mobility in soil

#### **Components:**

#### Letermovir:

Distribution among environ- : log Koc: 3.46 mental compartments

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### 12.6 Other adverse effects

#### Product:

tial	This substance/mixture does not contain components consid- ered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).
------	--

### **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods** Product : Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sewer.

#### 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**

### 14.1 UN number

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.2 UN proper shipping name		
ADN	:	Not regulated as a dangerous good

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## Letermovir Liquid Formulation

	:	Not regulated as a	a dangarawa good
	·	not regulated as a	
		0	0 0
	:	Not regulated as a	5 5
	:	Not regulated as a	5 5
	:	Not regulated as a	a dangerous good
nazard class(es)			
	:	Not regulated as a	a dangerous good
	:	Not regulated as a	a dangerous good
	:	Not regulated as a	a dangerous good
	:	Not regulated as a	a dangerous good
	:	Not regulated as a	a dangerous good
oup			
	:	Not regulated as a	a dangerous good
	:	Not regulated as a	a dangerous good
	:	Not regulated as a	a dangerous good
	:	Not regulated as a	a dangerous good
o)	:	Not regulated as a	a dangerous good
enger)	:	Not regulated as a	a dangerous good
ntal hazards			
ed as a dangerous	goo	bd	
cautions for user	r		
n bulk according	to :	-	I and the IBC Code product as supplied.
	oup o) enger) ntal hazards ed as a dangerous ecautions for user ole n bulk according	oup i i i i i i i i i i i i i	<ul> <li>Not regulated as a</li> </ul>

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Not applicable
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Brit- ain)	:	Not applicable
Regulation (EC) on substances that deplete the ozone layer	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



### Letermovir Liquid Formulation

Version	Revision Date: 28.09.2024	SDS Number:	Date of last issue: 06.04.2024	
3.4		9371551-00008	Date of first issue: 27.08.2021	
GB Export and import of hazardous chemicals - Prior				

GB Export and import of hazardous chemicals - Prior : Not applicable Informed Consent (PIC) Regulation Control of Major Accident Hazards Regulations 2015 (COMAH) Not applicable

### Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

The components of this product are reported in the following inventories:				
AICS	: not determined			
DSL	: not determined			
IECSC	: not determined			

### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

### **SECTION 16: Other information**

Other information	:	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 H-Statements H361d H373	:	Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure if swallowed.
Full text of other abbreviations		

Repr.	:	Reproductive toxicity
STOT RE	:	Specific target organ toxicity - repeated exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergencv Schedule: ENCS - Existing and New Chemical Substances (Japan): ErCx - Concentration associated with x% growth rate response; 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 populaUK REACH Regulations SI 2019/758



### Letermovir Liquid Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.4	28.09.2024	9371551-00008	Date of first issue: 27.08.2021

tion; 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; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; 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

#### Further information

Sources of key data used to : compile the Safety Data Sheet

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/

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.

GB / EN