according to the Globally Harmonized System



## Lamb Vaccine Selenised Formulation

	Date of last issue: 30.09.2023 Date of first issue: 14.06.2023
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### **1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Lamb Vaccine Selenised Formulation
Other means of identification	:	Lamb Vaccine Selenised (A001011)
Manufacturer or supplier's de	etai	ils
Company	:	MSD
Address	:	Briahnager - Off Pune Nagar Road Wagholi - Pune - India 412 207
Telephone	:	+1-908-740-4000
Emergency telephone number	:	+1-908-423-6000
E-mail address	:	EHSDATASTEWARD@msd.com
Recommended use of the ch	em	ical and restrictions on use
Recommended use Restrictions on use	:	Veterinary product Not applicable

### 2. HAZARDS IDENTIFICATION

### Manufacture, Storage and Import of Hazardous Chemicals Rules 1989

### Classification

Not classified as hazardous according to criteria laid down in Part I of Schedule-1.

GHS Classification Acute toxicity (Oral)	:	Category 5
Short-term (acute) aquatic hazard	:	Category 3
Long-term (chronic) aquatic hazard	:	Category 3
GHS label elements Hazard pictograms Signal word Hazard statements	::	None Warning H303 May be harmful if swallowed. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	:	Prevention:

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P273 Avoid release to the environment.

#### Response:

P301 + P317 IF SWALLOWED: Get medical help.

#### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards which do not result in classification

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Antigen	Not Assigned	>= 1 - < 5
Sodium selenate	13410-01-0	>= 0.1 - < 0.25
Thiomersal	54-64-8	>= 0.0025 - < 0.025

### 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air.
In case of skin contact	:	Get medical attention if symptoms occur. Wash with water and soap as a precaution. Get medical attention if symptoms occur.
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 if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	:	May be harmful if swallowed.
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).
Notes to physician	:	Treat symptomatically and supportively.
5. FIREFIGHTING MEASURES		
Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing	:	None known.

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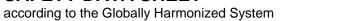


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fightin	ic hazards during fire-	:	Exposure to comb Carbon oxides Metal oxides Sulphur oxides	oustion products may be a hazard to health.
ods	ic extinguishing meth-	:	cumstances and t Use water spray t Remove undamag so. Evacuate area.	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do
for fire	fighters		Use personal prot	
6. ACCIDE	NTAL RELEASE MEA	501	KE0	
tive ec	nal precautions, protec- quipment and emer- procedures	:		ective equipment. ing advice (see section 7) and personal pro- recommendations (see section 8).
Enviro	nmental precautions	:	Prevent spreading barriers). Retain and dispos	akage or spillage if safe to do so. g over a wide area (e.g. by containment or oil e of contaminated wash water. should be advised if significant spillages
	ds and materials for nment and cleaning up	:	For large spills, pr ment to keep mate be pumped, store Clean up remainin bent. Local or national r posal of this mate employed in the c mine which regula Sections 13 and 1	absorbent material. ovide dyking or other appropriate contain- erial from spreading. If dyked material can recovered material in appropriate container. og materials from spill with suitable absor- egulations may apply to releases and dis- rial, as well as those materials and items leanup of releases. You will need to deter- tions are applicable. 5 of this SDS provide information regarding tional requirements.

### 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Avoid inhalation of vapour or mist.
_		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-





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	ditions for safe storage	sessment Take care to pre environment.	event spills, waste and minimize release to the
	erials to avoid	Store in accorda	nce with the particular national regulations. n the following product types:

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of	Control parame- ters / Permissible	Basis	
		exposure)	concentration		
Sodium selenate	13410-01-0	TWA	20 µg/m3 (OEB 3)	Internal	
		Wipe limit	200 µg/100 cm <sup>2</sup>	Internal	
		TWA	0.2 mg/m3	ACGIH	
			(selenium)		
Thiomersal	54-64-8	TWA	0.01 mg/m3	IN OEL	
			(Mercury)		
	Further inform	Further information: Potential contribution to the overall exposure			
	by the cutane	ous route includi	ng mucous membran	es and eye.	
		STEL	0.03 mg/m3	IN OEL	
			(Mercury)		
	Further inform	ation: Potential	contribution to the ove	erall exposure	
	by the cutane	ous route includi	ng mucous membran	es and eye.	
		TWA	0.01 mg/m3	ACGIH	
			(Mercury)		
		STEL	0.03 mg/m3	ACGIH	
			(Mercury)		

### Components with workplace control parameters

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. Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face contain- ment devices). Minimize open handling.
Personal protective equipment	
	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Particulates type
Material :	Chemical-resistant gloves

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	emarks protection	If the work enviro mists or aerosols Wear a faceshie	gloving. sses with side shields or goggles. onment or activity involves dusty conditions, s, wear the appropriate goggles. Id or other full face protection if there is a ct contact to the face with dusts, mists, or
Skin	and body protection	being performed suits) to avoid ex Use appropriate	garments should be used based upon the task (e.g., sleevelets, apron, gauntlets, disposable kposed skin surfaces. degowning techniques to remove potentially
Hygie	ene measures	flushing systems place. When using do r Wash contamina The effective op engineering con appropriate dego	nemical is likely during typical use, provide eye and safety showers close to the working not eat, drink or smoke. ated clothing before re-use. eration of a facility should include review of trols, proper personal protective equipment, owning and decontamination procedures, e monitoring, medical surveillance and the

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Aqueous solution
Colour	:	No data available
Odour	:	No data available
Odour Threshold	:	No data available
рН	:	6.0 - 7.0
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available

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	Vapour	pressure	:	No data available	9
	Relative	e vapour density	:	No data available	9
	Relative	e density	:	1.02	
	Density	,	:	No data available	9
	Solubili Wat	ty(ies) er solubility	:	No data available	9
		n coefficient: n-	:	Not applicable	
	octanol Auto-ig	nition temperature	:	No data available	9
	Decom	position temperature	:	No data available	9
	Viscosi Visc	ty cosity, kinematic	:	No data available	
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Molecu	lar weight	:	No data available	
	Particle	size	:	Not applicable	

### **10. STABILITY AND REACTIVITY**

Reactivity Chemical stability Possibility of hazardous reac- tions	:	Not classified as a reactivity hazard. Stable under normal conditions. Can react with strong oxidizing agents.
Conditions to avoid Incompatible materials Hazardous decomposition products		None known. Oxidizing agents No hazardous decomposition products are known.

### **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	:	Inhalation Skin contact Ingestion Eye contact
Acute toxicity May be harmful if swallowed.		
Product: Acute oral toxicity	:	Acute toxicity estimate: 2,084 mg/kg Method: Calculation method

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Acut	e inhalation toxicity	:	Acute toxicity est Exposure time: 4 Test atmosphere Method: Calculat	h : dust/mist
Com	ponents:			
Sodi	um selenate:			
Acut	e oral toxicity	:	LD50 (Rat): > 5 - Remarks: Based	50 mg/kg on data from similar materials
Acut	e inhalation toxicity	:	LC50 (Rat): > 0.0 Exposure time: 4 Test atmosphere Method: OECD T	h
Thio	mersal:			
Acut	e oral toxicity	:	LD50 (Rat): 75 m	ng/kg
			Acute toxicity est Method: Expert ju Remarks: Based	
Acut	e inhalation toxicity	:	Acute toxicity est Exposure time: 4 Test atmosphere Method: Expert ju Remarks: Based	h : dust/mist
Acut	e dermal toxicity	:	Acute toxicity est Method: Expert ju Remarks: Based	
Skin	corrosion/irritation			

### Skin corrosion/irritation

Not classified based on available information.

### Components:

Species Method	:	reconstructed human epidermis (RhE) OECD Test Guideline 431
Species Method	:	reconstructed human epidermis (RhE) OECD Test Guideline 439
Result	:	Skin irritation

### Serious eye damage/eye irritation

Not classified based on available information.

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oonents:		
ım selenate:		
es	: Bovine corne	ea
bd	: OECD Test	Guideline 437
t	: No eye irrita	tion
iratory or skin sens	itisation	
sensitisation		
assified based on av	ailable information.	
iratory sensitisatior	n	
assified based on av	ailable information.	
cell mutagenicity		
assified based on av	ailable information.	
oonents:		
um selenate:		
toxicity in vitro	Method: OE Result: nega	Bacterial reverse mutation assay (AMES) CD Test Guideline 471 Itive ased on data from similar materials
nersal:		
toxicity in vitro		Bacterial reverse mutation assay (AMES) Itive
toxicity in vivo	tion test (in v Species: Mo Application I	use Route: Ingestion
assified based on av	ailable information.	
oonents:		
nersal:		
	: Rat	
	: 1 Years	
	sensitisation assified based on av iratory sensitisatior assified based on av cell mutagenicity assified based on av <u>conents:</u> um selenate: toxicity in vitro nersal: toxicity in vitro toxicity in vitro	um selenate:         es       :       Bovine composition         bd       :       OECD Test in         iratory or skin sensitisation       iratory or skin sensitisation         sensitisation       assified based on available information.         iratory sensitisation       assified based on available information.         iratory sensitisation       assified based on available information.         assified based on available information.       ocell mutagenicity         toxicity in vitro       :       Test Type: R         toxicity in vitro       :       Test Type: N         tion test (in v       Species: Mo         Application F       Result: nega         nogenicity       assified based on available information.         assified based on available information.       Species: Mo         Application F       Result: nega

### Reproductive toxicity

Not classified based on available information.

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<u>Com</u>	<u>oonents:</u>		
Sodiu	um selenate:		
	s on fertility	Species: Rat Application Rou Result: negative	
Effect ment	s on foetal develop-	Species: Mouse Application Rou Result: negative	te: Ingestion
Thion	nersal:		
	s on foetal develop-	: Species: Rat Application Rout Result: positive Remarks: Based	te: Ingestion d on data from similar materials
•	oductive toxicity - As-	: Clear evidence	of adverse effects on sexual function and fe
sessn	nent	ity, and/or on de	evelopment, based on animal experiments
STOT Not cl	nent - single exposure assified based on avai - repeated exposure	lable information.	evelopment, based on animal experiments
STOT Not cl STOT	- single exposure assified based on avai	lable information.	evelopment, based on animal experiments
STOT Not cl STOT Not cl	- single exposure assified based on avai - repeated exposure	lable information.	velopment, based on animal experiments
STOT Not cl STOT Not cl <u>Comp</u>	- single exposure assified based on avai - repeated exposure assified based on avai	lable information.	evelopment, based on animal experiments
STOT Not cl STOT Not cl Comp Sodiu Expos	- single exposure assified based on avai - repeated exposure assified based on avai conents:	lable information. lable information. : Ingestion : Shown to produce	evelopment, based on animal experiments ce significant health effects in animals at cor 0 mg/kg bw or less.
STOT Not cl STOT Not cl Comp Sodiu Expos Asses	- single exposure assified based on avai - repeated exposure assified based on avai conents: um selenate: sure routes	lable information. lable information. : Ingestion : Shown to produce	ce significant health effects in animals at cor
STOT Not cl STOT Not cl Comp Sodiu Expos Asses	- single exposure assified based on avai - repeated exposure assified based on avai conents: um selenate: sure routes asment	Iable information.         Iable information.         : Ingestion         : Shown to product centrations of 10         : Central nervous	ce significant health effects in animals at co 0 mg/kg bw or less. system, Cardio-vascular system, Gastrointe
STOT Not cl STOT Not cl Comp Sodiu Expos Asses Thion Targe	- single exposure assified based on avai - repeated exposure assified based on avai conents: um selenate: sure routes asment	lable information.         lable information.         : Ingestion         : Shown to product centrations of 10         : Central nervous tinal tract, Kidne	ce significant health effects in animals at cor 0 mg/kg bw or less. system, Cardio-vascular system, Gastrointe
STOT Not cl STOT Not cl Comp Sodiu Expos Asses Thion Targe Asses	- single exposure assified based on avai - repeated exposure assified based on avai conents: um selenate: sure routes assment mersal: of Organs	Iable information.         Iable information.         : Ingestion         : Shown to product centrations of 10         : Central nervous tinal tract, Kidnet causes damage	ce significant health effects in animals at cor ) mg/kg bw or less. system, Cardio-vascular system, Gastrointe
STOT Not cl STOT Not cl Comp Sodiu Expos Asses Thion Targe Asses Repe	- single exposure assified based on avai - repeated exposure assified based on avai conents: um selenate: sure routes asment nersal: of Organs asment	Iable information.         Iable information.         : Ingestion         : Shown to product centrations of 10         : Central nervous tinal tract, Kidnet causes damage	ce significant health effects in animals at cor ) mg/kg bw or less. system, Cardio-vascular system, Gastrointe
STOT Not cl STOT Not cl Comp Sodiu Expos Asses Thion Targe Asses Repe	- single exposure assified based on avai - repeated exposure assified based on avai <u>conents:</u> um selenate: sure routes ssment hersal: organs ssment ated dose toxicity	Iable information.         Iable information.         : Ingestion         : Shown to product centrations of 10         : Central nervous tinal tract, Kidnet causes damage	ce significant health effects in animals at cor ) mg/kg bw or less. system, Cardio-vascular system, Gastrointe
STOT Not cl STOT Not cl Comp Sodiu Expos Asses Thion Targe Asses Reper Sodiu Speci	- single exposure assified based on avai - repeated exposure assified based on avai <u>conents:</u> um selenate: sure routes asment et Organs asment ated dose toxicity <u>conents:</u> um selenate: es	Iable information.         Iable information.         : Ingestion         : Shown to product centrations of 10         : Central nervous tinal tract, Kidnet causes damage	ce significant health effects in animals at cor ) mg/kg bw or less. system, Cardio-vascular system, Gastrointe
STOT Not cl STOT Not cl Comp Sodiu Expos Asses Thion Targe Asses Reper Sodiu Speci NOAE	- single exposure assified based on avai - repeated exposure assified based on avai <u>conents:</u> um selenate: sure routes asment et Organs asment ated dose toxicity <u>conents:</u> um selenate: es	<ul> <li>lable information.</li> <li>lable information.</li> <li>Ingestion <ul> <li>Shown to product centrations of 10</li> </ul> </li> <li>Central nervous tinal tract, Kidne <ul> <li>Causes damage exposure.</li> </ul> </li> </ul>	ce significant health effects in animals at co ) mg/kg bw or less. system, Cardio-vascular system, Gastrointe

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Thiomersal:	
Species	: Rat
LOAEL	: >= 0.5 mg/kg
Application Route	: Ingestion
Remarks	: Based on data from similar materials

#### Aspiration toxicity

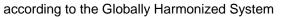
Not classified based on available information.

## **12. ECOLOGICAL INFORMATION**

### Ecotoxicity

#### Components:

Sodium selenate:		
Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): > 1 - 10 mg/l Exposure time: 96 h Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 1 - 10 mg/l Exposure time: 48 h Remarks: Based on data from similar materials
Toxicity to algae/aquatic plants	:	ErC50 ( Chlamydomonas reinhardtii (green algae)): 245 μg/l Exposure time: 96 h
		NOEC ( Chlamydomonas reinhardtii (green algae)): 197 μg/l Exposure time: 96 h
M-Factor (Acute aquatic tox- icity)	:	1
Toxicity to microorganisms	:	EC10 (activated sludge): 590 mg/l Exposure time: 3 h Method: OECD Test Guideline 209
Toxicity to fish (Chronic tox- icity)	:	NOEC: > 0.01 - 0.1 mg/l Exposure time: 258 d Species: Lepomis macrochirus (Bluegill sunfish) Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC: > 0.1 - 1 mg/l Exposure time: 28 d Remarks: Based on data from similar materials
M-Factor (Chronic aquatic toxicity)	:	1
Thiomersal:		
Toxicity to fish	:	LC50 (Poecilia reticulata (guppy)): > 0.01 - 0.1 mg/l





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	<ul> <li>Toxicity to daphnia and other aquatic invertebrates</li> <li>Toxicity to algae/aquatic plants</li> <li>M-Factor (Acute aquatic toxicity)</li> <li>Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)</li> <li>M-Factor (Chronic aquatic toxicity)</li> <li>M-Factor (Chronic aquatic toxicity)</li> <li>Persistence and degradabili No data available</li> <li>Bioaccumulative potential No data available</li> <li>Mobility in soil No data available</li> <li>Other adverse effects</li> <li>No data available</li> </ul>			Exposure time: 96 Remarks: Based	6 h on data from similar materials	
			:	EC50 (Daphnia magna (Water flea)): > 0.01 - 0.1 mg/l Exposure time: 48 h Remarks: Based on data from similar materials EC50 ( Pseudokirchneriella subcapitata (green algae)): > 0.01 - 0.1 mg/l Exposure time: 96 h Remarks: Based on data from similar materials		
			:			
			:	10		
			:	NOEC: > 0.001 - 0.01 mg/l Exposure time: 21 d Species: Daphnia sp. (water flea) Remarks: Based on data from similar materials		
			:	10		
			ity			
13. DISPOSAL CONSIDERATIONS						
	<b>Disposal methods</b> Waste from residues					
			:	Do not dispose of waste into sewer. Dispose of in accordance with local regulations.		
	Contaminated packaging			Empty containers should be taken to an approved waste han- dling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.		

## 14. TRANSPORT INFORMATION

### **International Regulations**

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

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### IMDG-Code

Not regulated as a dangerous good

#### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

#### Special precautions for user

Not applicable

### **15. REGULATORY INFORMATION**

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

#### The components of this product are reported in the following inventories:

AICS	:	not determined
DSL	:	not determined
IECSC	:	not determined

#### **16. OTHER INFORMATION**

Revision Date		04.12.2023			
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 Agen- cy, http://echa.europa.eu/			
Date format	:	dd.mm.yyyy			
Full text of other abbreviations					
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)			
IN OEL	:	India. Permissible levels of certain chemical substances in work environment.			
ACGIH / TWA	:	8-hour, time-weighted average			
ACGIH / STEL	:	Short-term exposure limit			
IN OEL / TWA	:	Time-Weighted Average Concentration (TWA) (8 hrs.)			
IN OEL / STEL		Short-term exposure Limit STEL (15 min)			

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 con-

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centration; 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.

IN / EN