according to the OSHA Hazard Communication Standard



Multivitamin (with Soy Oil) Formulation

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SECTION 1. IDENTIFICATION

Product name	:	Multivitamin (with Soy Oil) Formulation
Manufacturer or supplier's o	deta	ails
Company name of supplier	:	Merck & Co., Inc
Address	:	126 E. Lincoln Avenue
		Rahway, New Jersey U.S.A. 07065
Telephone	:	908-740-4000
Emergency telephone	:	1-908-423-6000
E-mail address	:	EHSDATASTEWARD@merck.com
Recommended use of the cl	hen	nical and restrictions on use
Recommended use	:	Veterinary product
Restrictions on use	:	Not applicable

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accord 1910.1200)	GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)			
Reproductive toxicity	:	Category 1A		
Specific target organ toxicity - repeated exposure	:	Category 1 (Liver)		
GHS label elements				
Hazard pictograms	:			
Signal Word	:	Danger		
Hazard Statements	:	H360D May damage the unborn child. H372 Causes damage to organs (Liver) through prolonged or repeated exposure.		
Precautionary Statements	:	 Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe mist or vapors. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves, protective clothing, eye protection and face protection. Response: 		
		P308 + P313 IF exposed or concerned: Get medical attention.		
		Storage:		

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P405 Store locked up.

Disposal:

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

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Vitamin A Palmitate	79-81-2	>= 20 - < 30
(dl)-a-Tocopheryl acetate	7695-91-2	>= 5 - < 10
Colecalciferol	67-97-0	>= 0.1 - < 0.3

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. Get medical attention.
In case of skin contact	:	In case of contact, immediately flush skin with 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.
Most important symptoms and effects, both acute and delayed Protection of first-aiders	:	May damage the unborn child. Causes damage to organs through prolonged or repeated exposure. First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment
Notes to physician	:	when the potential for exposure exists (see section 8). Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray
		Alcohol-resistant foam
		Carbon dioxide (CO2)
		Dry chemical

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	Unsuita media	able extinguishing	:	None known.	
	Specific fighting	c hazards during fire	:	Exposure to comb	pustion products may be a hazard to health.
		lous combustion prod-	:	Carbon oxides	
	Specific ods	c extinguishing meth-	:	cumstances and t Use water spray t Remove undamag so.	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
		l protective equipment fighters	:		e, wear self-contained breathing apparatus. ective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	:	Do not get on skin or clothing. Do not breathe mist or vapors. Do not swallow.

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		Avoid contact with eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep container tightly closed. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the environment.			
Conditions for safe storage		Store locked up. Keep tightly clos			
Mater	rials to avoid	: Do not store with Strong oxidizing	ostances and mixtures		

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

J	· · · · •			
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Vitamin A Palmitate	79-81-2	TWA	>= 1 < 10 ug/m3 (OEB 4)	Internal
(dl)-a-Tocopheryl acetate	7695-91-2	TWA	5000 ug/m3 (OEB 1)	Internal
Colecalciferol	67-97-0	TWA	5 µg/m3 (OEB 4)	Internal
		Wipe limit	50 µg/100 cm ²	Internal

Ingredients with workplace control parameters

Engineering measures : Minimize workplace exposure concentrations. If sufficient ventilation is unavailable, use with local exhaust ventilation.

Personal protective equipment

Respiratory protection :	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
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Hand protection

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Ν	laterial	: Chemical-re	sistant gloves	
R	emarks	on the conc time is not o For special resistance to gloves with	ves to protect hands against chemicals depending entration specific to place of work. Breakthrough letermined for the product. Change gloves often! applications, we recommend clarifying the o chemicals of the aforementioned protective the glove manufacturer. Wash hands before at the end of workday.	
Eye	protection	: Wear the following personal protective equipment: Safety glasses		
Skin	and body protection	: Select appro resistance o potential. Skin contac	opriate protective clothing based on chemical lata and an assessment of the local exposure t must be avoided by using impervious protective lives, aprons, boots, etc).	
Hygi	ene measures	: If exposure eye flushing working plac When using	to chemical is likely during typical use, provide systems and safety showers close to the	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Aqueous solution
Color	:	yellow
Odor	:	characteristic
Odor Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	23 °F / -5 °C
Initial boiling point and boiling range	:	381 °F / 194 °C
Flash point	:	471 °F / 244 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available

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Vapo	rpressure	:	No data available	9
Relati	ve vapor density	:	No data available	9
Relati	ve density	:	0.9 - 0.94	
Densi	ty	:	No data available	2
	ility(ies) ater solubility	:	practically insolu	ble
Sc	lubility in other solvents	:	slightly soluble Solvent: Ethanol	
	on coefficient: n- ol/water	:	Not applicable	
	gnition temperature	:	No data available	9
Deco	mposition temperature	:	No data available	9
Visco Vis	sity scosity, dynamic	:	68.41 - 68.81 mF Method: Brookfie	Pa.s (77 °F / 25 °C) Id
Vis	scosity, kinematic	:	No data available	9
Explo	sive properties	:	Not explosive	
Oxidiz	zing properties	:	The substance o	r mixture is not classified as oxidizing.
Molec	cular weight	:	No data available	9
Partic	le size	:	Not applicable	

SECTION 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.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Inhalation Skin contact

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ersion .5	Revision Date: 09/30/2023		S Number: 7976-00012	Date of last issue: 04/04/2023 Date of first issue: 05/06/2019
Inges Eye o	stion contact			
Acut	e toxicity			
Not c	lassified based on ava	ailable i	nformation.	
Prod	uct:			
Acute	e oral toxicity	:	Acute toxicity e Method: Calcu	estimate: > 5,000 mg/kg ation method
Acute	e inhalation toxicity	:	Acute toxicity estimate: 40.01 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method	
Acute	e dermal toxicity	:	Acute toxicity e Method: Calcu	estimate: > 5,000 mg/kg ation method
<u>Com</u>	ponents:			
	nin A Palmitate:			
Acute	e oral toxicity	:	LD50 (Rat): > Remarks: Base	5,000 mg/kg ed on data from similar materials
• •	a-Tocopheryl acetate			
Acute	e oral toxicity	:	LD50 (Rat): > 8	5,000 mg/kg
Acute	e dermal toxicity	:	LD50 (Rat): > 3 Assessment: T toxicity	3,000 mg/kg he substance or mixture has no acute dermal
Cole	calciferol:			
Acute	e oral toxicity	:	LD50 (Rat, ma	le): 35 mg/kg
Acute	e inhalation toxicity	:	Acute toxicity e Exposure time: Test atmosphe Method: Exper	re: dust/mist
Acute	e dermal toxicity	:	Acute toxicity e Method: Exper	estimate: 50 mg/kg t judgment
-	corrosion/irritation	ailable i	nformation.	
<u>Com</u>	ponents:			
Vitan	nin A Palmitate:			
Spec Meth Resu	od	:	Rabbit OECD Test Gu Mild skin irritati	

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Vers 4.5	sion	Revision Date: 09/30/2023		OS Number: 57976-00012	Date of last issue: 04/04/2023 Date of first issue: 05/06/2019
	(dl)-a-T Species Method Result		::	Rabbit OECD Test Guide No skin irritation	eline 404
	Not clas	s eye damage/eye irr ssified based on availa			
	Compo Vitamir Species Result Method	A Palmitate:	: : :	Rabbit No eye irritation OECD Test Guide	line 405
	(dl)-a-T Species Result Method		: :	Rabbit No eye irritation OECD Test Guide	line 405
	Coleca Species Result	lciferol:	:	Rabbit No eye irritation	
	-	atory or skin sensitiz	atic	n	
		ssified based on availa	able	information.	
	-	atory sensitization ssified based on availa	able	information.	
	Compo				
	Test Ty	of exposure		Maximization Test Skin contact Guinea pig OECD Test Guide negative	
	Test Ty	of exposure		Draize Test Skin contact Humans negative	
	Coleca	Iciferol:			

Colecalciferol:

Test Type	:	Maurer optimisation test
Routes of exposure	:	Skin contact

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ersion .5	Revision Date: 09/30/2023		S Number: 57976-00012	Date of last issue: 04/04/2023 Date of first issue: 05/06/2019
	Species Result		Guinea pig negative	
	a cell mutagenicity assified based on ava	ailable	information.	
Com	<u>oonents:</u>			
Vitam	nin A Palmitate:			
Geno	toxicity in vitro	:	Test Type: Bac Result: negativ	eterial reverse mutation assay (AMES)
Geno	toxicity in vivo	:	cytogenetic ass Species: Mous Application Ro	e ute: Ingestion) Test Guideline 474
(dl)-a	-Tocopheryl acetate):		
Geno	toxicity in vitro	:		omosome aberration test in vitro 7 Test Guideline 473 e
				eterial reverse mutation assay (AMES) Test Guideline 471 e
Geno	toxicity in vivo	:	Test Type: Mar cytogenetic ass Species: Mous Application Rou Result: negativ	ute: Ingestion
Coled	calciferol:			
	toxicity in vitro	:		eterial reverse mutation assay (AMES) Test Guideline 471 cal
				itro mammalian cell gene mutation test Test Guideline 476 e
				omosome aberration test in vitro Test Guideline 473 e
Geno	toxicity in vivo	:	cytogenetic ass Species: Rat Application Rot	

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/ersion 1.5	Revision Date: 09/30/2023		Date of last issue: 04/04/2023 Date of first issue: 05/06/2019		
		Result: negative			
		Test Type: In vivo n Species: Rat Application Route: I Result: positive	nammalian alkaline comet assay		
	cell mutagenicity - ssment	: Weight of evidence cell mutagen.	does not support classification as a germ		
	nogenicity assified based on avai	able information.			
<u>Comp</u>	oonents:				
(dl)-a	-Tocopheryl acetate:				
	cation Route sure time	: Rat : Ingestion : 104 weeks : negative			
IARC			at levels greater than or equal to 0.1% is firmed human carcinogen by IARC.		
OSHA		No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.			
NTP		of this product present a known or anticipated ca	at levels greater than or equal to 0.1% is arcinogen by NTP.		
-	oductive toxicity lamage the unborn chi	I.			
Com	oonents:				
Vitam	in A Palmitate:				
Effect	s on fetal developmen	: Test Type: Embryo- Species: Monkey Application Route: I Result: positive			
Repro sessn	oductive toxicity - As- nent	: Positive evidence o human epidemiolog	f adverse effects on development from jical studies.		
(dl)-a	-Tocopheryl acetate:				
	s on fertility	: Test Type: Reprodu test Species: Rat Application Route: I Result: negative	uction/Developmental toxicity screening		
Effect	s on fetal developmen	: Test Type: Embryo- Species: Rabbit	fetal development		

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Application Route: Ingestion Result: negative

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Causes damage to organs (Liver) through prolonged or repeated exposure.

Components:

Vitamin A Palmitate:

Routes of exposure	:	Ingestion
Target Organs	:	Liver
Assessment	:	Causes damage to organs through prolonged or repeated exposure.
Remarks	:	Based on data from similar materials

Colecalciferol:

Routes of exposure	:	Ingestion
Target Organs	:	Kidney, Blood, Bone
Assessment	:	Shown to produce significant health effects in animals at con- centrations of 10 mg/kg bw or less.

Repeated dose toxicity

Components:

Vitamin A Palmitate:

Species :	Rat
LOAEL :	> 1 - 10 mg/kg
Application Route :	Ingestion
Exposure time :	3 Months
Remarks :	Based on data from similar materials

(dl)-a-Tocopheryl acetate:

Species	:	Rat
NOAEL	:	500 mg/kg
Application Route	:	Ingestion
Exposure time	:	90 Days

Colecalciferol:

Species	:	Rat
NOAEL	:	0.06 mg/kg
LOAEL	:	0.3 mg/kg
Application Route	:	Ingestion
Exposure time	:	90 Days
Method	:	OECD Test Guideline 408

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	-	ation toxicity assified based on availa	ble	information.	
	Exper	ience with human exp	osu	re	
	<u>Comp</u>	onents:			
	Vitam	in A Palmitate:			
	Ingest	ion	: Symptoms: liver impairment Remarks: Based on data from similar materials Symptoms: Embryo-fetal toxicity. Remarks: Based on data from similar materials		d on data from similar materials pryo-fetal toxicity.
SEC		12. ECOLOGICAL INFO	DRN	IATION	
	Ecoto	vicity			
	Ecoto	-			
		onents:			
		i n A Palmitate: y to fish	:	Exposure time: Method: DIN 38	
		y to daphnia and other c invertebrates	:	Exposure time: Method: OECD	magna (Water flea)): > 100 mg/l 48 h Test Guideline 202 d on data from similar materials
	Toxicit plants	y to algae/aquatic	:	: EC50 (Desmodesmus subspicatus (green algae)): 152.94 mg/l Exposure time: 72 h	
	(dl)-a-	Tocopheryl acetate:			
	• •	y to fish	:	Exposure time:	nchus mykiss (rainbow trout)): > 100 mg/l 96 h Test Guideline 203
		y to daphnia and other c invertebrates	:	Exposure time:	magna (Water flea)): > 100 mg/l 48 h Test Guideline 202
	Toxicit plants	y to algae/aquatic	:	mg/l Exposure time:	kirchneriella subcapitata (green algae)): > 100 72 h Test Guideline 201
				100 mg/l Exposure time:	kirchneriella subcapitata (green algae)): >= 72 h Test Guideline 201

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ersion 5	1	Revision Date: 09/30/2023	-	S Number: 57976-00012	Date of last issue: 04/04/2023 Date of first issue: 05/06/2019
To icit		to fish (Chronic tox-	:	NOEC (Oncorhyn Exposure time: 28	chus mykiss (rainbow trout)): 100 mg/l 3 d
То	xicity	to microorganisms	:	EC50: > 927 mg/l Exposure time: 30 Method: ISO 8192	
Co	oleca	lciferol:			
То	xicity	to fish	:	LL50 (Danio rerio Exposure time: 96 Method: OECD Te	
		to daphnia and other invertebrates	:	EL50 (Daphnia m Exposure time: 48 Method: OECD Te	
	oxicity ants	to algae/aquatic	:	EL50 (Scenedesn 100 mg/l Exposure time: 96 Method: OECD Te	
Ре	ersist	ence and degradabil	ity		
<u>Co</u>	ompo	nents:			
		A Palmitate: adability	:	Result: Not readily Biodegradation: 4 Exposure time: 28 Method: OECD Te	40 - 50 %
•		ocopheryl acetate: adability	:	Result: Not readily Biodegradation: 2 Exposure time: 28 Method: OECD Te	21.7 - 31 %
Co	oleca	lciferol:			
Bio	odegr	adability	:	Result: Not readily Biodegradation: Exposure time: 28 Method: OECD To	<= 7 %
Bi	oacc	umulative potential			
<u>Co</u>	ompo	nents:			
Pa	rtitior	A Palmitate: n coefficient: n- /water	:	log Pow: > 6.2	

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Parti	calciferol: tion coefficient: n- nol/water	: log Pow: > 6.2 Method: OECD Test Guideline 107		
	ility in soil ata available			
	e r adverse effects ata available			
SECTION	13. DISPOSAL CONS	ERATIONS		
•	osal methods te from residues	: Dispose of in accordance with local regula	ations.	
Cont	aminated packaging	 Do not dispose of waste into sewer. 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 INF	RMATION		
Inter	national Regulations			
UNR Not r	TDG egulated as a dangerou	good		
	- DGR egulated as a dangerou	good		
	G-Code egulated as a dangerou	good		
	sport in bulk accordin applicable for product as	to Annex II of MARPOL 73/78 and the IBC (upplied.	Code	
	estic regulation			
49 C Not r	FR egulated as a dangerou	good		
-	cial precautions for us applicable			

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

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SAR	A 311/312 Hazards	:		icity gan toxicity (single or repeated exposure)
SAR	RA 313	:	known CAS num	es not contain any chemical components with bers that exceed the threshold (De Minimis) established by SARA Title III, Section 313.
USS	State Regulations			
Pen	nsylvania Right To Kno	w		
	Soya oil Vitamin A Palmitat (dl)-a-Tocopheryl a	-	ate	8001-22-7 79-81-2 7695-91-2
Cali	fornia Prop. 65			
knov		nia t	o cause birth defec	als including Vitamin A Palmitate, which is/are ts or other reproductive harm. For more in-
The	ingredients of this pro-	duc	t are reported in t	he following inventories:
AICS	S	:	not determined	
DSL		:	not determined	
IECS	SC	:	not determined	

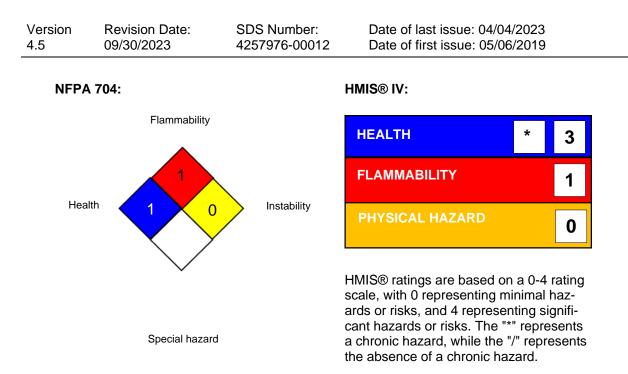
SECTION 16. OTHER INFORMATION

Further information





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Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act

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(United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Sources of key data used to compile the Material Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/
Revision Date	:	09/30/2023

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.

US / Z8