

### according to the Hazardous Products Regulations

## **Dexamethasone (with Ethanol) Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 06/24/2024
4.2	09/28/2024	752027-00021	Date of first issue: 06/14/2016

### **SECTION 1. IDENTIFICATION**

Product name	:	Dexamethasone (with Ethanol) Formulation
Other means of identification	:	No data available

#### Manufacturer or supplier's details

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 chemical and restrictions on use

Recommended use	:	Veterinary product
Restrictions on use	:	Not applicable

#### **SECTION 2. HAZARDS IDENTIFICATION**

GHS classification in accordance with the Hazardous Products Regulations				
Flammable liquids	:	Category 4		
Reproductive toxicity	:	Category 1B		
GHS label elements Hazard pictograms	:			
Signal Word	:	Danger		
Hazard Statements	:	H227 Combustible liquid. H360D May damage the unborn child.		
Precautionary Statements	:	<ul> <li>Prevention:</li> <li>P201 Obtain special instructions before use.</li> <li>P202 Do not handle until all safety precautions have been read and understood.</li> <li>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P280 Wear protective gloves, protective clothing, eye protection and face protection.</li> <li>Response:</li> </ul>		
		P308 + P313 IF exposed or concerned: Get medical attention.		
		Storage: P405 Store locked up.		

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### Disposal:

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

#### Other hazards

Vapors may form explosive mixture with air.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Ethanol#	Ethyl alcohol	64-17-5	>= 5 - < 10
Benzyl alcohol	Benzenemetha- nol	100-51-6	>= 0.1 - < 1 *
Dexamethasone	No data availa- ble	50-02-2	>= 0.1 - < 1 *

# Voluntarily-disclosed substance

Actual concentration or concentration range 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	:	of water. Remove contaminated clothing and shoes.
		Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	
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	:	May damage the unborn child.
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.

#### **SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Water spray



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				Alcohol-resistant Carbon dioxide (C Dry chemical	
	Unsuita media	ble extinguishing	:	High volume wate	er jet
	Specific hazards during fire fighting		:	Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health	
	Hazard ucts	ous combustion prod-	:	Carbon oxides	
	Specific ods	extinguishing meth-	:	cumstances and t Use water spray t	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
	Special for fire-	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	Remove all sources of ignition. 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	Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapors/mists with a water spray jet. 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

SAFETY DATA SHEET according to the Hazardous Products Regulations



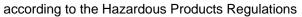
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		employed in the determine white Sections 13 and	disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.		
SECTION	7. HANDLING AND ST	ORAGE			
Techr	nical measures		ing measures under EXPOSURE PERSONAL PROTECTION section.		
Local	Total ventilation		ntilation is unavailable, use with local exhaust		
Advic	e on safe handling	<ul> <li>Do not get on skin or clothing. Do not breathe vapors or spray mist. Do not swallow. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safe practice, based on the results of the workplace exposure assessment Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames ar other ignition sources. No smoking. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to</li> </ul>			
Condi	tions for safe storage	<ul> <li>environment.</li> <li>Keep in properly labeled containers.</li> <li>Keep tightly closed.</li> <li>Keep in a cool, well-ventilated place.</li> <li>Store in accordance with the particular national regulations.</li> <li>Keep away from heat and sources of ignition</li> </ul>			
Mater	ials to avoid	<ul> <li>Keep away from heat and sources of ignition.</li> <li>Do not store with the following product types: Strong oxidizing agents</li> <li>Self-reactive substances and mixtures</li> <li>Organic peroxides</li> <li>Explosives</li> <li>Gases</li> </ul>			

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Ethanol	64-17-5	TŴA	1,000 ppm 1,880 mg/m <sup>3</sup>	CA AB OEL
		STEL	1,000 ppm	CA BC OEL
		STEV	1,000 ppm	CA QC OEL
		STEL	1,000 ppm	ACGIH
Dexamethasone	50-02-2	TWA	10 µg/m3 (OEB 3)	Internal
	Further inform	ation: Skin		
		Wipe limit	100 µg/100 cm <sup>2</sup>	Internal





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Engi	neering measures	:		ce exposure concentrations. ation is unavailable, use with local exhaust
Pers	onal protective equipn	nent		
	piratory protection	:	If adequate local exposure assession	exhaust ventilation is not available or ment demonstrates exposures outside the idelines, use respiratory protection.
	ilter type d protection	:		lates and organic vapor type
Μ	laterial	:	Chemical-resistar	nt gloves
R	emarks	:	on the concentrat time is not determ For special applic resistance to che gloves with the gl product is flamma	protect hands against chemicals depending ion specific to place of work. Breakthrough hined for the product. Change gloves often! cations, we recommend clarifying the micals of the aforementioned protective ove manufacturer. Take note that the able, which may impact the selection of hand hands before breaks and at the end of
Eyeı	protection	:	Wear the followin Safety glasses	g personal protective equipment:
Skin	and body protection	:	Select appropriate resistance data a potential. Wear the followin If assessment de atmospheres or fl protective clothing Skin contact mus	e protective clothing based on chemical nd an assessment of the local exposure g personal protective equipment: monstrates that there is a risk of explosive ash fires, use flame retardant antistatic g. t be avoided by using impervious protective aprons, boots, etc).
Hygid	ene measures	:	If exposure to che eye flushing syste working place. When using do no	emical is likely during typical use, provide ems and safety showers close to the ot eat, drink or smoke. red clothing before re-use.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	clear
Odor	:	No data available
Odor Threshold	:	No data available
рН	:	4.9
Melting point/freezing point	:	No data available



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	Initial be	oiling point and boiling	:	No data available	
	Flash p	oint	:	68 °C	
	Evapora	ation rate	:	No data available	
	Flamma	ability (solid, gas)	:	Not applicable	
	Flamma	ability (liquids)	:	Not applicable	
		explosion limit / Upper bility limit	:	No data available	
		explosion limit / Lower bility limit	:	No data available	
	Vapor p	pressure	:	No data available	
	Relative	e vapor density	:	No data available	
	Density	,	:	No data available	
	Solubili Wat	ty(ies) er solubility	:	No data available	e
		n coefficient: n-	:	No data available	
	octanol, Autoign	/water iition 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.
	Molecu	lar weight	:	No data available	1
	Particle Particle	characteristics size	:	No data available	

### SECTION 10. STABILITY AND REACTIVITY

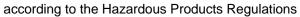
Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac-	:	Combustible liquid.
tions		Vapors may form explosive mixture with air.
		Can react with strong oxidizing agents.



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Incor Haza	Conditions to avoid Incompatible materials Hazardous decomposition products		<ul> <li>Heat, flames and sparks.</li> <li>Oxidizing agents</li> <li>No hazardous decomposition products are known.</li> </ul>						
SECTION	11. TOXICOLOGICAL I	NF	ORMATION						
Inhal Skin Inges	contact	of	exposure						
	<b>e toxicity</b> classified based on availa	ble	information.						
<u>Com</u>	ponents:								
Etha	nol:								
Acute	e oral toxicity	:	LD50 (Rat): 10,4 Method: OECD T	70 mg/kg Test Guideline 401					
Acute	e inhalation toxicity	:	LC50 (Rat, male) Exposure time: 4 Test atmosphere	h					
Acute	e dermal toxicity	:	LD50 (Rabbit): > 15,800 mg/kg						
Benz	yl alcohol:								
Acute	e oral toxicity	:	LD50 (Rat): 1,20	) mg/kg					
Acute	e inhalation toxicity	:		h					
Dexa	methasone:								
Acute	e oral toxicity	:	LD50 (Rat): > 2,0	00 mg/kg					
			LD50 (Mouse): >	6,500 mg/kg					
	e toxicity (other routes of nistration)	:	LD50 (Rat): 14 m Application Route						

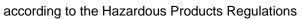
### Skin corrosion/irritation

Not classified based on available information.





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Com	ponents:		
Etha	nol:		
Spec	ies	: Rabbit	
Meth			Guideline 404
Resu	lt	: No skin irrita	tion
Benz	yl alcohol:		
Spec		: Rabbit	
Meth Resu		: OECD Test : No skin irrita	Guideline 404
Resu	ш	. NO SKITITITA	
	methasone:		
Spec		: Rabbit	
Resu	lt	: Mild skin irrit	ation
Serio	ous eye damage/eye	irritation	
Not c	lassified based on av	ailable information.	
<u>Com</u>	ponents:		
Etha	nol:		
Spec		: Rabbit	
Resu Meth			eyes, reversing within 21 days Guideline 405
Meth	ou	. OECD Test	Guidenne 405
Benz	yl alcohol:		
Spec		: Rabbit	
Resu			eyes, reversing within 21 days
Meth	oa	: OECD Test	Guideline 405
Dexa	methasone:		
Spec		: Rabbit	
Resu	lt	: Mild eye irrit	ation
Resp	piratory or skin sens	itization	
-	sensitization		
	lassified based on av	ailable information.	
Resp	piratory sensitization	ı	
Not c	lassified based on av	ailable information.	
Com	ponents:		
Etha	nol:		
Test	Туре	: Mouse ear s	welling test (MEST)





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Benz	yl alcohol:		
Test	-	: Human repea	at insult patch test (HRIPT)
	es of exposure	: Skin contact	
Speci		: Humans	
Resu	lt	: positive	
Asses	ssment	: Probability or rate in humar	evidence of low to moderate skin sensitization
	<b>cell mutagenicity</b> lassified based on av	vailable information	
	ponents:		
Ethar	nol:		
Geno	toxicity in vitro		acterial reverse mutation assay (AMES) CD Test Guideline 471 tive
			vitro mammalian cell gene mutation test CD Test Guideline 476 tive
		Test Type: C Result: negat	hromosome aberration test in vitro tive
Geno	toxicity in vivo	: Test Type: M cytogenetic a Species: Rat	
			oute: Ingestion
Benz	yl alcohol:		
	toxicity in vitro	: Test Type: Ba Result: negat	acterial reverse mutation assay (AMES) tive
Geno	toxicity in vivo	cytogenetic a Species: Mou	• /
		Result: negat	• •
Dexa	methasone:		
Geno	toxicity in vitro	: Test Type: Ba Result: negat	acterial reverse mutation assay (AMES) tive
		Test Type: in Test system: Result: negat	mouse lymphoma cells



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Geno	otoxicity in vivo	:	Test Type: Micro Species: Mouse Application Route Result: negative	
	inogenicity			
	classified based on availa	ble	information.	
	ponents:			
Spec Appli	ication Route osure time ood	:	Mouse Ingestion 103 weeks OECD Test Guid negative	eline 451
-	roductive toxicity damage the unborn child			
Com	ponents:			
<b>Etha</b> Effec	nol: cts on fertility	:	Test Type: Two-o Species: Mouse Application Route Result: negative	generation reproduction toxicity study e: Ingestion
Benz	zyl alcohol:			
	ets on fertility	:	Species: Rat Application Route Result: negative	ty/early embryonic development e: Ingestion on data from similar materials
Effec	ets on fetal development	:	Test Type: Embr Species: Mouse Application Route Result: negative	yo-fetal development e: Ingestion
Dexa	amethasone:			
Effec	cts on fetal development	:		
				e: Intramuscular oxicity: NOAEL: 0.025 mg/kg body weight levelopmental abnormalities.

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		A D		: Intramuscular oxicity: LOAEL: >= 0.062 mg/kg body weight evelopmental abnormalities.
		A D	evelopmental To	: Subcutaneous oxicity: LOAEL: >= 0.02 mg/kg body weight nd visceral variations ., Retardations.
Repro sessm	oductive toxicity - As- nent	: M	ay damage the	unborn child.
	-single exposure assified based on avail	able info	ormation.	
STOT	-repeated exposure			
	assified based on avail	able info	ormation.	
Comp	oonents:			
	methasone:			
Route Targe	t Organs	: A : M		mune system, thymus gland ge to organs through prolonged or repeated
Repe	ated dose toxicity			
Comp	oonents:			
Ethan	nol:			
	EL	: 1, : 3, : In	at 730 mg/kg 200 mg/kg gestion ) Days	
Benzy	yl alcohol:			
Speci NOAE Applic	es EL cation Route sure time	: 1. : in : 28	at 072 mg/l halation (dust/m 3 Days ECD Test Guide	
Dexa	methasone:			
Expos	EL cation Route sure time t Organs	: 0. : O : 7 : Li	ver	v observed in testing

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	Expos	- ation Route ure time Organs	:		and, thymus gland v observed in testing
	Expos	- ation Route ure time Organs	:	Rat 0.125 mg/kg Oral 6 Weeks Adrenal gland Significant toxicity	v observed in testing
	Expos	- ation Route ure time Organs	:	Rat 0.4 mg/kg Oral 3 Months Immune system Significant toxicity	v observed in testing
	Expos	- ation Route ure time Organs	:	Dog 8 mg/kg Oral 3 Months Immune system Significant toxicity	v observed in testing
	Not cla	ntion toxicity assified based on availa ience with human exp			
	-	onents:			
	<b>Dexan</b> Ingesti	nethasone: on	:	Target Organs: In Target Organs: A Target Organs: B Symptoms: musc	drenal gland one
SEC	CTION 1	2. ECOLOGICAL INFO	ORM	IATION	
	Ecoto	xicity			
	<u>Comp</u>	onents:			
	<b>Ethan</b> Toxicit	<b>ol:</b> y to fish	:	LC50 (Pimephale Exposure time: 96	s promelas (fathead minnow)): 14,200 mg/l 5 h
		y to daphnia and other c invertebrates	:	EC50 (Ceriodaph Exposure time: 48	nia dubia (water flea)): 5,012 mg/l 3 h
				12 / 17	



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	Toxicity plants	<i>i</i> to algae/aquatic	:	ErC50 (Chlorella v Exposure time: 72	vulgaris (Fresh water algae)): 275 mg/l 2 h
				EC10 (Chlorella v Exposure time: 72	ulgaris (Fresh water algae)): 11.5 mg/l 2 h
	Toxicity icity)	v to fish (Chronic tox-	:	NOEC (Oryzias la Exposure time: 10	tipes (Japanese medaka)): >= 79 mg/l 00 d
	aquatic	v to daphnia and other invertebrates (Chron-	:	NOEC (Daphnia r Exposure time: 9	nagna (Water flea)): 9.6 mg/l d
	ic toxici Toxicity	<i>i</i> to microorganisms	:	EC50 (Protozoa): Exposure time: 4	
	Benzvl	alcohol:			
	Toxicity		:	LC50 (Pimephales Exposure time: 96	s promelas (fathead minnow)): 460 mg/l 5 h
		to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
	Toxicity plants	/ to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD Te	
				NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
		/ to daphnia and other invertebrates (Chron- ity)	:	NOEC (Daphnia r Exposure time: 21 Method: OECD Te	
	Dexam	ethasone:			
		/ to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
	Toxicity plants	/ to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD Te	
				NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	



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Toxic icity)	ity to fish (Chronic tox-	:	Exposure time: 32	es promelas (fathead minnow)): 0.033 mg/l 2 d est Guideline 210
Toxic	ity to microorganisms	:	EC50: > 1,000 m Exposure time: 3 Test Type: Respi Method: OECD T	ĥ
			NOEC: 1,000 mg Exposure time: 3 Test Type: Respi Method: OECD T	h
Persi	stence and degradabi	lity		
<u>Comp</u>	ponents:	-		
Ethar	nol:			
Biode	gradability	:	Result: Readily bi Biodegradation: Exposure time: 20	84 %
	<b>yl alcohol:</b> gradability	:	Result: Readily b Biodegradation: Exposure time: 14	92 - 96 %
Dexa	methasone:			
Biode	egradability	:	Result: Not readil Biodegradation: Exposure time: 3. Method: OECD T	50 %
Bioad	ccumulative potential			
<u>Com</u>	oonents:			
Ethar	nol:			
	ion coefficient: n- ol/water	:	log Pow: -0.35	
Partiti	<b>yl alcohol:</b> ion coefficient: n- ol/water	:	log Pow: 1.05	
Partiti	<b>methasone:</b> ion coefficient: n- ol/water	:	log Pow: 1.83	

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	<b>lity in soil</b> ata available					
	r adverse effects					
••	ata available					
SECTION 13. DISPOSAL CONSIDERATIONS						
Disp	osal methods					
Wast	e from residues	•	: Do not dispose of waste into sewer. Dispose of in accordance with local regulations.			
Conta	aminated packaging	: Empty contain handling site for Empty contain Do not pressure expose such c	<ul> <li>Empty containers should be taken to an approved waste handling site for recycling or disposal.</li> <li>Empty containers retain residue and can be dangerous.</li> <li>Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and/or</li> </ul>			

If not otherwise specified: Dispose of as unused product.

### **SECTION 14. TRANSPORT INFORMATION**

#### International Regulations

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### **Domestic regulation**

TDG

Not regulated as a dangerous good

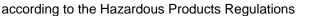
#### Special precautions for user

Not applicable

### SECTION 15. REGULATORY INFORMATION

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

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





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

### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA QC OEL	:	Québec. Regulation respecting occupational health and safe- ty, Schedule 1, Part 1: Permissible exposure values for air- borne contaminants
ACGIH / STEL	:	Short-term exposure limit
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA BC OEL / STEL	:	short-term exposure limit
CA QC OEL / STEV	:	Short-term exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation: DSL - Domestic Substances List (Canada): ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization: ISHL - Industrial Safety and Health Law (Japan): ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal 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

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/
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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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