

according to the OSHA Hazard Communication Standard

# **Zilpaterol Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2023
8.1	09/30/2023	29196-00023	Date of first issue: 11/07/2014

## **SECTION 1. IDENTIFICATION**

Product name	:	Zilpaterol Formulation		
Manufacturer or supplier's	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 chemical and restrictions on use				
Recommended use	:	Veterinary product		
Restrictions on use	:	Not applicable		

## **SECTION 2. HAZARDS IDENTIFICATION**

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) Combustible dust				
Specific target organ toxicity - repeated exposure	:	Category 1 (Cardio-vascular system, Central nervous system, Lungs)		
GHS label elements Hazard pictograms	:			
Signal Word	:	Danger		
Hazard Statements	:	If small particles are generated during further processing, han- dling or by other means, may form combustible dust concentra- tions in air. H372 Causes damage to organs (Cardio-vascular system, Cen- tral nervous system, Lungs) through prolonged or repeated ex- posure.		
Precautionary Statements	:	<ul> <li>Prevention:</li> <li>P260 Do not breathe dust.</li> <li>P264 Wash skin thoroughly after handling.</li> <li>P270 Do not eat, drink or smoke when using this product.</li> <li>Response:</li> <li>P314 Get medical attention if you feel unwell.</li> <li>Disposal:</li> </ul>		
		P501 Dispose of contents and container to an approved waste disposal plant.		





# **Zilpaterol Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2023
8.1	09/30/2023	29196-00023	Date of first issue: 11/07/2014

#### Other hazards

Dust contact with the eyes can lead to mechanical irritation. Contact with dust can cause mechanical irritation or drying of the skin.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

## Components

Chemical name	CAS-No.	Concentration (% w/w)	
Zilpaterol	119520-06-8	>= 1 - < 5	
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 if symptoms occur.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water.
In case of eye contact	:	Get medical attention if symptoms occur. If in eyes, rinse well with water. 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	:	Causes damage to organs through prolonged or repeated exposure. Contact with dust can cause mechanical irritation or drying of the skin.
Protection of first-aiders	:	Dust contact with the eyes can lead to mechanical irritation. 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 Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical None known.
media Specific hazards during fire fighting	:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Exposure to combustion products may be a hazard to health.



according to the OSHA Hazard Communication Standard

# **Zilpaterol Formulation**

Vers 8.1	sion	Revision Date: 09/30/2023		S Number: 196-00023	Date of last issue: 04/04/2023 Date of first issue: 11/07/2014
	Hazard ucts	ous combustion prod-	:	Carbon oxides Nitrogen oxides (N	NOx)
	Specific extinguishing meth- ods		:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so.	
	Special for fire-	protective equipment ighters	:	Evacuate area. In the event of fire Use personal prot	e, wear self-contained breathing apparatus. ective equipment.
SEC	CTION 6.	ACCIDENTAL RELE	ASE	EMEASURES	
	Personal precautions, protec- tive equipment and emer- gency procedures		:		ective equipment. ing advice (see section 7) and personal ent recommendations (see section 8).
	Environmental precautions :		:	Retain and dispos	akage or spillage if safe to do so. e of contaminated wash water. should be advised if significant spillages
		s and materials for ment and cleaning up	:	container for dispo Avoid dispersal of with compressed a Dust deposits sho surfaces, as these released into the a Local or national r disposal of this ma employed in the c determine which r Sections 13 and 1	dust in the air (i.e., clearing dust surfaces

## SECTION 7. HANDLING AND STORAGE

Technical measures	:	Static electricity may accumulate and ignite suspended dust causing an explosion. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
Local/Total ventilation Advice on safe handling	:	Use only with adequate ventilation. Do not breathe dust. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure





# **Zilpaterol Formulation**

Version 8.1	Revision Date: 09/30/2023	SDS Number: 29196-00023	Date of last issue: 04/04/2023 Date of first issue: 11/07/2014
	itions for safe storage rials to avoid	Keep contained Keep away from Take precautio Do not eat, drin Take care to pr environment. Keep in proper Store in accord Do not store with	generation and accumulation. r closed when not in use. m heat and sources of ignition. mary measures against static discharges. hk or smoke when using this product. revent spills, waste and minimize release to the ly labeled containers. dance with the particular national regulations. ith the following product types:
		Strong oxidizin	g agents ubstances and mixtures

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Ingredients with workplace control parameters

inert or nuisance dust		• •	oot : TWA (total dust)	
	15 mg/m³ Value type (Fo Basis: OSHA 2	• •	: TWA (total dust)	
	5 mg/m³ Value type (Fo Basis: OSHA 2	• •	: TWA (respirable fra	ction)
			oot : TWA (respirable fra	ction)
Dust, nuisance dust and par- ticulates	10 mg/m³ Value type (Fo Basis: CAL PE		: PEL (Total dust)	
	5 mg/m³ Value type (Fo Basis: CAL PE		: PEL (respirable dus	t fraction)
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Zilpaterol	119520-06-8	TWA	1 µg/m³	Internal
		Wipe limit	10 µg/100 cm <sup>2</sup>	Internal

#### **Engineering measures**

: Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

according to the OSHA Hazard Communication Standard



# **Zilpaterol Formulation**

Version 8.1	Revision Date: 09/30/2023	SDS Number: 29196-00023	Date of last issue: 04/04/2023 Date of first issue: 11/07/2014
		Ensure that d dust collector designed in a	res to prevent dust explosions. ust-handling systems (such as exhaust ducts, s, vessels, and processing equipment) are manner to prevent the escape of dust into the a., there is no leakage from the equipment).
Pe	rsonal protective equipm	ent	
Re	spiratory protection	maintain vapo concentration unknown, app Follow OSHA use NIOSH/M by air purifyin hazardous ch supplied resp release, expo	ocal exhaust ventilation is recommended to or exposures below recommended limits. Where s are above recommended limits or are propriate respiratory protection should be worn. respirator regulations (29 CFR 1910.134) and ISHA approved respirators. Protection provided g respirators against exposure to any emical is limited. Use a positive pressure air irator if there is any potential for uncontrolled sure levels are unknown, or any other where air purifying respirators may not provide tection
На	nd protection		
	Material	: Chemical-res	istant gloves
	Remarks	on the concer time is not de For special ap resistance to gloves with th	es to protect hands against chemicals depending ntration specific to place of work. Breakthrough termined for the product. Change gloves often! oplications, we recommend clarifying the chemicals of the aforementioned protective re glove manufacturer. Wash hands before the end of workday.
Ey	e protection	: Wear the follo	wing personal protective equipment:
	in and body protection giene measures	: If exposure to eye flushing s working place When using c	e washed after contact. chemical is likely during typical use, provide systems and safety showers close to the

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	powder
Color	:	tan
Odor	:	No data available
Odor Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling	:	No data available



according to the OSHA Hazard Communication Standard

# **Zilpaterol Formulation**

Vers 8.1	sion	Revision Date: 09/30/2023	SDS Number: 29196-00023		Date of last issue: 04/04/2023 Date of first issue: 11/07/2014
	range				
	Flash p	point	:	No data available	9
	Evapor	ation rate	:	No data available	9
	Flammability (solid, gas)		:	May form explosi handling or other	ve dust-air mixture during processing, means.
	Flamma	ability (liquids)	:	No data available	
		explosion limit / Upper ibility limit	:	No data available	
		explosion limit / Lower bility limit	:	No data available	
	Vapor p	oressure	:	No data available	9
	Relative	e vapor density	:	No data available	2
	Relative	e density	:	No data available	)
	Solubili Wat	ity(ies) er solubility	:	No data available	
	Partitio octanol	n coefficient: n-	:	No data available	)
		nition temperature	:	No data available	9
	Decom	position temperature	:	No data available	9
	Viscosi Visc	ty cosity, dynamic	:	No data available	
	Visc	cosity, kinematic	:	No data available	9
	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	e size	:	No data available	9

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	May form explosive dust-air mixture during processing, handling or other means.





Vers 8.1	sion	Revision Date: 09/30/2023		S Number: 196-00023	Date of last issue: 04/04/2023 Date of first issue: 11/07/2014
				Can react with st	ong oxidizing agents.
	Incomp	ons to avoid atible materials ous decomposition s		Heat, flames and Avoid dust forma Oxidizing agents No hazardous de	
SEC	TION 1	1. TOXICOLOGICAL I	NFC	ORMATION	
	Inhalati Skin co Ingestic Eye cor <b>Acute t</b>	ntact on ntact			
			bie	inionnation.	
	Produc Acute o	ral toxicity	:	Acute toxicity estin Method: Calculation	nate: > 5,000 mg/kg on method
	Acute ir	nhalation toxicity	:	Acute toxicity estin Exposure time: 4 Test atmosphere: Method: Calculatio	า dust/mist
	<u>Compo</u>	onents:			
	Zilpate	rol:			
	Acute o	ral toxicity	:	LD50 (Mouse, ma	le and female): 430 - 580 mg/kg
				LD50 (Rat, male a	nd female): 890 - 1,325 mg/kg
	Acute ir	nhalation toxicity	:	LC50 (Rat): > 5 m Exposure time: 4 l Test atmosphere: Symptoms: Tremo	1
	Acute d	ermal toxicity	:	LD50 (Rat): > 2,00	00 mg/kg
	Acute to adminis	oxicity (other routes of stration)	:	TDLo (Rabbit): 9.6 Application Route Symptoms: Increa	see user defined free text
		orrosion/irritation ssified based on availa	ble	information.	
	<u>Compo</u>	onents:			
	Zilpate Species		:	Rabbit	



according to the OSHA Hazard Communication Standard

ersion 1	Revision Date: 09/30/2023		9S Number: 196-00023	Date of last issue: 04/04/2023 Date of first issue: 11/07/2014
Result	t	:	No skin irritation	
	us eye damage/eye assified based on ava			
	oonents:			
Zilpat	erol:			
Specie Result		:	Rabbit Mild eye irritation	
Respi	ratory or skin sensi	tizatio	n	
	sensitization assified based on ava	ailable	information.	
-	ratory sensitization assified based on ava		information.	
<u>Comp</u>	oonents:			
<b>Zilpat</b> Test T Specie Asses Result	⁻ype es sment	:	Maximization Tes Guinea pig Does not cause s negative	
			U	
	<b>cell mutagenicity</b> assified based on ava	ailable	-	
Not cla		ailable	-	
Not cla <u>Comp</u> Zilpate	assified based on ava conents: erol:	ailable	information.	
Not cla <u>Comp</u> Zilpata	assified based on ava ponents:	ailable :	information.	rial reverse mutation assay (AMES)
Not cla <u>Comp</u> Zilpate	assified based on ava conents: erol:	ailable :	information. Test Type: Bacte Result: negative Test Type: In vitro	
Not cla <u>Comp</u> Zilpate	assified based on ava conents: erol:	ailable :	information. Test Type: Bacte Result: negative Test Type: In vitro Test system: Chin Result: negative Test Type: Mouso	o mammalian cell gene mutation tes nese hamster ovary cells
Not cla <u>Comp</u> Zilpate	assified based on ava conents: erol:	ailable :	information. Test Type: Bacte Result: negative Test Type: In vitro Test system: Chin Result: negative Test Type: Mouse Test System: mou Result: negative	o mammalian cell gene mutation tes nese hamster ovary cells e Lymphoma use lymphoma cells eduled DNA synthesis assay



according to the OSHA Hazard Communication Standard

	Revision Date: )9/30/2023	SDS Number: 29196-00023	Date of last issue: 04/04/2023 Date of first issue: 11/07/2014
		Test Type: in v Species: Mous Cell type: Bone Application Ro Result: negativ	se e marrow pute: Oral
Carcinog Not class		ailable information.	
<u>Compon</u>	<u>ents:</u>		
Zilpaterc Species Applicatio Exposure Result	on Route	: Rat, male and : oral (feed) : 104 weeks : 0.05 mg/kg bo : 0.125 mg/kg bo : negative	dy weight
Target O	rgans	: Ovary	
Species Applicatio Exposure		: Mouse : Oral : 18 Months : 0.02 mg/kg bo : 0.05 mg/kg bo	
Result Target O	rgans	: negative : Blood	
IARC			sent at levels greater than or equal to 0.1% is r confirmed human carcinogen by IARC.
OSHA		nent of this product pres	esent at levels greater than or equal to 0.1% is nogens.
NTP			sent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
Not class		ailable information.	
<u>Compon</u>			
Zilpaterc Effects o		Species: Rat, r Application Ro Fertility: NOAE Result: No effe development v Test Type: Two Species: Rat, r	oute: oral (feed) EL: 1.8 mg/kg body weight ects on fertility and early embryonic vere detected. o-generation study





# **Zilpaterol Formulation**

Version 8.1	Revision Date: 09/30/2023	SDS Number: 29196-00023	Date of last issue: 04/04/2023 Date of first issue: 11/07/2014
Eff	ects on fetal development	Result: No e developmen : Test Type: E Species: Ra Application F Developmen Embryo-feta Result: No te adverse effe	Route: Oral tal Toxicity: NOAEL: 10 mg/kg body weight I toxicity.: LOAEL: 50 mg/kg body weight eratogenic effects., Embryotoxic effects and cts on the offspring were detected only at high
			cts on the offspring were detected only at high

## STOT-single exposure

Not classified based on available information.

### STOT-repeated exposure

Causes damage to organs (Cardio-vascular system, Central nervous system, Lungs) through prolonged or repeated exposure.

#### **Components:**

## Zilpaterol:

Target Organs Assessment	Cardio-vascular system, Central nervous system, Lungs Causes damage to organs through prolonged or repeated
	exposure.

#### **Repeated dose toxicity**

## **Components:**

#### Zilpaterol:

Species NOAEL LOAEL Application Route Exposure time Target Organs Symptoms	Monkey 0.01 mg/kg 0.05 mg/kg Oral 4 Weeks Cardio-vascular system Increased pulse rate, Lowered blood pressure
Species LOAEL Application Route Exposure time Target Organs Symptoms	Rat, male and female 0.05 mg/kg Oral 13 Weeks Cardio-vascular system Lowered blood pressure
Species NOAEL LOAEL Application Route Exposure time Target Organs	Pig, male and female 0.05 mg/kg 1 mg/kg Oral 13 Weeks Heart



according to the OSHA Hazard Communication Standard

Versi 8.1	ion	Revision Date: 09/30/2023		DS Number: 196-00023	Date of last issue: 04/04/2023 Date of first issue: 11/07/2014		
   	Exposu	- tion Route ure time Organs	:	Rat, male and fer 0.250 mg/kg oral (feed) 52 Weeks Cardio-vascular s slow pulse			
	Specie: Applica Remarl	tion Route	::	Dog Dermal No significant adv	verse effects were reported		
	-	tion toxicity ssified based on availa	able	information.			
I	Experie	ence with human exp	osi	ıre			
<u>(</u>	Compo	onents:					
	<b>Zilpate</b> Ingestic		:		ungs ors, Increased pulse rate entral nervous system		
SEC	TION 1	2. ECOLOGICAL INFO	ORI	ATION			
I	Ecotox	icity					
<u>(</u>	Compo	onents:					
2	Zilpate	rol:					
	Toxicity plants	v to algae/aquatic	:	mg/l Exposure time: 72 Method: OECD T			
				mg/l Exposure time: 72 Method: OECD T			
I	Persist	ence and degradabil	ity				
	Compo	onents:					
	<b>Zilpate</b> Stability	<b>rol:</b> / in water	:	Hydrolysis: 0 %(5	i d)		



according to the OSHA Hazard Communication Standard

# **Zilpaterol Formulation**

Vers 8.1	ion	Revision Date: 09/30/2023		DS Number: 0196-00023	Date of last issue: 04/04/2023 Date of first issue: 11/07/2014
	Bioacc	umulative potential			
	Compo	onents:			
	<b>Zilpate</b> Partition octanol	n coefficient: n-	:	log Pow: 1	
	Mobilit	y in soil			
	Compo	onents:			
		<b>rol:</b> ition among environ- compartments	:	log Koc: 2.8	
		<b>adverse effects</b> a available			
SEC	TION 1	3. DISPOSAL CONSI	DEF	RATIONS	

#### **Disposal methods**

•		
Waste from residues	:	Dispose of in accordance with local regulations. Do not dispose of waste into sewer.
Contaminated packaging	:	Empty containers should be taken to an approved waste handling site for recycling or disposal. 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**

**49 CFR** Not regulated as a dangerous good

## Special precautions for user

Not applicable

## **SECTION 15. REGULATORY INFORMATION**

## **CERCLA Reportable Quantity**

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





# **Zilpaterol Formulation**

Version 8.1	Revision Date: 09/30/2023		DS Number: 9196-00023	Date of last issue: 04/04 Date of first issue: 11/0					
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.									
SAF	A 311/312 Hazards	:		gan toxicity (single or rep	eated exposure)				
SAF	RA 313	:	known CAS numl	s not contain any chemic pers that exceed the thre stablished by SARA Title	shold (De Minimis)				
US	US State Regulations								
Pen	Pennsylvania Right To Know								
	Corn Cobs Polyethylene glyco Zilpaterol	ol ca	stor oil	61	ot Assigned 1791-12-6 19520-06-8				
Cali	California List of Hazardous Substances								
	Polyvinyl pyrrolido	ne		90	003-39-8				
The	The ingredients of this product are reported in the following inventories:								
AIC	S	:	not determined						
DSL		:	not determined						
IEC	SC	:	not determined						

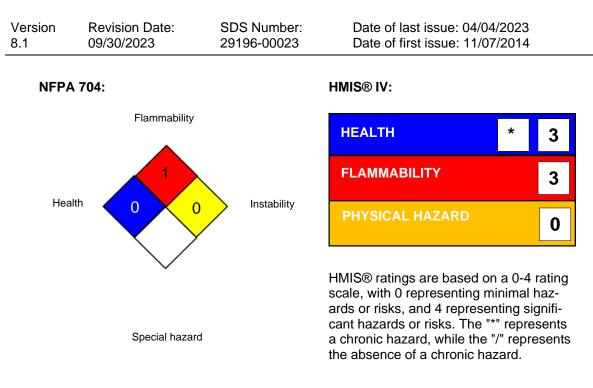
## **SECTION 16. OTHER INFORMATION**

## Further information



according to the OSHA Hazard Communication Standard

# **Zilpaterol Formulation**



## Full text of other abbreviations

CAL PEL	:	California permissible exposure limits for chemical contami- nants (Title 8, Article 107)
OSHA Z-3	:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
CAL PEL / PEL	:	Permissible exposure limit
OSHA Z-3 / TWA	:	8-hour time weighted average

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;





# Zilpaterol Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 04/04/2023
8.1	09/30/2023	29196-00023	Date of first issue: 11/07/2014

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 (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