

Zilpaterol Formulation

Version 3.1	Revision Date: 30.09.2023	SDS Number 29197-00024	
SECTIO	N 1: Identification of	the substanc	e/mixture and of the company/undertaking
1.1 Prod	uct identifier		
Trad	le name	: Zilpaterol	Formulation
1.2 Relev	vant identified uses of	the substance	or mixture and uses advised against
Use	of the Sub- ce/Mixture	: Veterinar	-
Reco on u	ommended restrictions se	: Not applie	cable
1.3 Detai	is of the supplier of the	e safety data s	heet
Com	npany	: MSD 20 Sparta 1619 Spa	n Road artan, South Africa
Tele	phone	: +2711923	39300
	ail address of person onsible for the SDS	: EHSDAT	ASTEWARD@msd.com
	gency telephone numl 008-423-6000	ber	
SECTIO	N 2: Hazards identifi	cation	
2.1 Class	sification of the substa	nce or mixture	
Clas	sification (REGULATIO	DN (EC) No 127	⁷ 2/2008)
	cific target organ toxicity osure, Category 2	- repeated	H373: May cause damage to organs through pro- longed or repeated exposure.
2.2 Labe	l elements		
	elling (REGULATION (E	EC) No 1272/20	08)
Haza	ard pictograms		
Sign	al word	: Warning	
Haza	ard statements	: H373 Ma repeated e	ay cause damage to organs through prolonged or exposure.

Precautionary statements :

P260 Do not breathe dust.

Prevention:



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Response:

P314 Get medical advice/ attention if you feel unwell.

Hazardous components which must be listed on the label:

Zilpaterol

2.3 Other hazards

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

Dust contact with the eyes can lead to mechanical irritation.

Contact with dust can cause mechanical irritation or drying of the skin.

May form explosive dust-air mixture during processing, handling or other means.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Zilpaterol	119520-06-8	Acute Tox. 4; H302 Acute Tox. 4; H332 STOT RE 1; H372 (Cardio-vascular system, Central nervous system, Lungs)	>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	 In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
Protection of first-aiders	: First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
If inhaled	: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	 In case of contact, immediately flush skin with soap and plenty of water. Get medical attention if symptoms occur.



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In cas	e of eye contact	:	If in eyes, rinse Get medical atte	well with water. ention if irritation develops and persists.	
If swallowed		:	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.		
4.2 Most i	mportant symptoms a	nd e	effects, both acu	ite and delayed	
Risks		:	May cause dam exposure.	age to organs through prolonged or repeated	
			the skin.	st can cause mechanical irritation or drying of the the eyes can lead to mechanical irritation.	
4.3 Indicat Treatr	•	mec :		nd special treatment needed atically and supportively.	
	I 5: Firefighting mea	sur	es		
-	uishing media				
Suitar	ble extinguishing media	:	Water spray Alcohol-resistar Carbon dioxide Dry chemical		
Unsui media	table extinguishing a	:	None known.		
5.2 Specia	al hazards arising from	n the	substance or n	nixture	
-	fic hazards during fire-	:	Avoid generatin concentrations, potential dust ex	g dust; fine dust dispersed in air in sufficient and in the presence of an ignition source is a xplosion hazard. mbustion products may be a hazard to health.	
Hazar ucts	dous combustion prod-	:	Carbon oxides Nitrogen oxides	(NOx)	
5.3 Advice	e for firefighters				
	al protective equipment	:		ire, wear self-contained breathing apparatus. rotective equipment.	
Speci [;] ods	fic extinguishing meth-	:	cumstances and Use water spray	ng measures that are appropriate to local cir- d the surrounding environment. y to cool unopened containers. haged containers from fire area if it is safe to d	



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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures					
Personal precautions	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).			
6.2 Environmental precautions					
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.			

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	 Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. 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.
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6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures	 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 assessment Minimize dust generation and accumulation. Keep container closed when not in use. Keep away from heat and sources of ignition.



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Hygie	ene measures	Do not ear Take care environme If exposur flushing sy place. Wh	autionary measures against static discharges. t, drink or smoke when using this product. to prevent spills, waste and minimize release to the ent. e to chemical is likely during typical use, provide eye /stems and safety showers close to the working en using do not eat, drink or smoke. Wash contami- hing before re-use.
7.2 Condi	tions for safe storage,	including any	incompatibilities
•	irements for storage and containers		roperly labelled containers. Store in accordance with lar national regulations.
Advid	ce on common storage	Strong ox	
7.3 Speci	fic end use(s)		
	ific use(s)	: No data a	vailable

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Zilpaterol	119520-06- 8	TWA	1 µg/m3	Internal
		Wipe limit	10 μg/100 cm²	Internal

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Polyethylene glycol castor oil	Workers	Inhalation	Long-term systemic effects	16,4 mg/m3
	Workers	Skin contact	Long-term systemic effects	4,67 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	2,9 mg/m3
	Consumers	Skin contact	Long-term systemic effects	1,67 mg/kg bw/day
	Consumers	Ingestion	Long-term systemic effects	1,67 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Polyethylene glycol castor oil	Fresh water	0,000 mg/l
	Freshwater - intermittent	0,0661 mg/l



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		Marine water		0,000 mg/l
		Marine water	- intermittent	0,00661 mg/l
		Fresh water s	sediment	0,0129 mg/kg dry weight (d.w.)
		Marine sedim	ent	0,00129 mg/kg dry weight (d.w.)
		Soil		0,00258 mg/kg dry weight (d.w.)

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Minimize workplace exposure concentrations.

Apply measures to prevent dust explosions.

Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

Personal protective equipment

Eye/face protection	:	Wear the following personal protective equipment: Safety goggles
Hand protection		
Material	:	Chemical-resistant gloves
Remarks	:	Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous sub- stance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.
Skin and body protection Respiratory protection	:	Skin should be washed after contact. If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection.
Filter type	:	Particulates type (P)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Colour Odour Odour Threshold	:	powder tan No data available No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling	:	No data available
range Flash point	:	No data available



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	Evapor	ation rate	:	No data available	e
	Flamm	ability (solid, gas)	:	May form explos dling or other me	ive dust-air mixture during processing, han- eans.
		explosion limit / Upper ability limit	:	No data available	e
		explosion limit / Lower ability limit	:	No data available	9
	Vapou	rpressure	:	No data available	e
	Relativ	e vapour density	:	No data available	9
	Relativ	e density	:	No data available	9
	Partitio octano	ter solubility n coefficient: n-	:	No data available No data available No data available	9
	Decom	position temperature	:	No data available	e
	Viscosi Visc	ity cosity, dynamic	:	No data available	e
	Viso	cosity, kinematic	:	No data available	9
	Explos	ive properties	:	Not explosive	
	Oxidizi	ng properties	:	The substance o	r mixture is not classified as oxidizing.
9.2		nformation ability (liquids)	:	No data available	e
	Molecu	ılar weight	:	No data available	e
	Particle	e size	:	No data available	e

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions

: May form explosive dust-air mixture during processing, han-



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			dling or other me Can react with st	ans. rong oxidizing agents.
	itions to avoid			
Condi	tions to avoid	:	Heat, flames and Avoid dust forma	
10.5 Incon	npatible materials			
Mater	ials to avoid	:	Oxidizing agents	
	dous decomposition p			
No ha	zardous decomposition	proc	ducts are known.	
SECTION	11: Toxicological in	for	mation	
	nation on toxicologica			
expos	nation on likely routes of ure	•	Inhalation Skin contact	
0,10,00			Ingestion	
			Eye contact	
Acute	toxicity			
Not cl	assified based on availa	ble	information.	
Produ	<u>ict:</u>			
Acute	oral toxicity	:	Acute toxicity esti Method: Calculati	mate: > 2.000 mg/kg on method
Acute	inhalation toxicity	:	Acute toxicity esti	mate: > 5 mg/l
			Exposure time: 4	
			Test atmosphere: Method: Calculati	
<u>Comp</u>	oonents:			
Zilpat	erol:			
Acute	oral toxicity	:	LD50 (Mouse, ma	le and female): 430 - 580 mg/kg
			I D50 (Rat_male)	and formula): 000 ± 1.005 mm//m
				and female): 890 - 1.325 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 5 n	ng/l
Acute	inhalation toxicity	:	LC50 (Rat): > 5 n Exposure time: 4	ng/l h
Acute	inhalation toxicity	:	LC50 (Rat): > 5 n Exposure time: 4 Test atmosphere	ng/l h dust/mist
			LC50 (Rat): > 5 n Exposure time: 4 Test atmosphere: Symptoms: Trem	ng/l h dust/mist ors, Breathing difficulties
Acute	dermal toxicity	:	LC50 (Rat): > 5 n Exposure time: 4 Test atmosphere: Symptoms: Trem LD50 (Rat): > 2.0	ng/l h dust/mist ors, Breathing difficulties 00 mg/kg
Acute		:	LC50 (Rat): > 5 n Exposure time: 4 Test atmosphere: Symptoms: Trem LD50 (Rat): > 2.0 TDLo (Rabbit): 9.	ng/l h dust/mist ors, Breathing difficulties 00 mg/kg



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:	Skin c	orrosion/irritation			
l	Not cla	ssified based on availa	able	information.	
<u>(</u>	Compo	onents:			
2	Zilpate	erol:			
	Specie Result		:	Rabbit No skin irritation	
		s eye damage/eye irr			
		onents:			
2	Zilpate	erol:			
	Specie Result		:	Rabbit Mild eye irritation	
l	Respir	atory or skin sensitis	atic	on	
:	Skin s	ensitisation			
I	Not cla	ssified based on availa	able	information.	
	-	atory sensitisation	able	information.	
9	Compo	onents:			
	Zilpate	erol:			
	Test Ty		:	Maximisation Tes	t
	Specie Assess		:	Guinea pig Does not cause sl	kin sensitisation.
	Result		:	negative	
(Germ	cell mutagenicity			
I	Not cla	ssified based on availa	able	information.	
<u>(</u>	Compo	onents:			
	Zilpate				
	Genoto	oxicity in vitro	:	Test Type: Bacter Result: negative	ial reverse mutation assay (AMES)
				<i>,</i>	o mammalian cell gene mutation test nese hamster ovary cells
				Test Type: Mouse Test system: mou Result: negative	e Lymphoma ise lymphoma cells
				Test Type: unscho Test system: rat h Result: negative	eduled DNA synthesis assay epatocytes



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Ge	enotoxicity in vivo	:	Test Type: Micror Species: Mouse Application Route Result: negative		
			Test Type: in vivo Species: Mouse Cell type: Bone m Application Route Result: negative	arrow	
	n rcinogenicity It classified based on availa	able	information.		
<u>Co</u>	omponents:				
Zil	paterol:				
Ap	ecies plication Route posure time	: : : : : : : : : : : : : : : : : : : :	Rat, male and fen oral (feed) 104 weeks 0,05 mg/kg body 0,125 mg/kg body	weight	
	esult rget Organs	:	negative Ovary	weight	
Ap	ecies plication Route posure time	:	Mouse Oral 18 Months 0,02 mg/kg body v 0,05 mg/kg body v		
	esult rget Organs	:	negative Blood	weight	
	productive toxicity of classified based on availa	able	information.		
<u>Co</u>	omponents:				
Zil	paterol:				
Eff	ects on fertility	:		e : oral (feed) 1,8 mg/kg body weight on fertility and early embryonic develop-	
				e : oral (feed) 0,94 mg/kg body weight on fertility and early embryonic develop-	
Eff	ects on foetal develop-	:	Test Type: Embry	ro-foetal development	



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m	ent	Species: Rat, female Application Route: Oral Developmental Toxicity: NOAEL: 10 mg/kg body weight Embryo-foetal toxicity: LOAEL: 50 mg/kg body weight Result: No teratogenic effects, Embryotoxic effects and ad- verse effects on the offspring were detected only at high ma- ternally toxic doses
	TOT - single exposure ot classified based on ava	able information.
	OT - repeated exposure ay cause damage to orga	s through prolonged or repeated exposure.
<u>Co</u>	omponents:	
Ta	paterol: Irget Organs Issessment	 Cardio-vascular system, Central nervous system, Lungs Causes damage to organs through prolonged or repeated exposure.
Re	epeated dose toxicity	
<u>Co</u>	omponents:	
Zi	paterol:	
NC LC Ap E> Ta	Decies DAEL DAEL oplication Route posure time rget Organs rmptoms	 Monkey 0,01 mg/kg 0,05 mg/kg Oral 4 Weeks Cardio-vascular system Increased pulse rate, Lowered blood pressure
LČ Ap Ex Ta	pecies DAEL oplication Route posure time urget Organs rmptoms	 Rat, male and female 0,05 mg/kg Oral 13 Weeks Cardio-vascular system Lowered blood pressure
NC LC Ap E>	pecies DAEL DAEL oplication Route posure time urget Organs	 Pig, male and female 0,05 mg/kg 1 mg/kg Oral 13 Weeks Heart
N(Ap Ex Ta	Decies DAEL oplication Route posure time rget Organs rmptoms	 Rat, male and female 0,250 mg/kg oral (feed) 52 Weeks Cardio-vascular system slow pulse



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Speci Applic Rema	cation Route	: Dog : Dermal : No significant	adverse effects were reported	
•	ration toxicity lassified based on ava	ilable information.		
Expe	rience with human e	xposure		
Com	ponents:			
Zilpa	terol:			
Inges	tion		s: Lungs remors, Increased pulse rate s: Central nervous system	
SECTION	N 12: Ecological inf	ormation		

12.1 Toxicity

Components:

Zilpaterol:		
Toxicity to algae/aquatic plants	:	NOEC (Pseudokirchneriella subcapitata (green algae)): 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility EC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility

Hydrolysis: 0 %(5 d)

log Pow: 1

12.2 Persistence and degradability

Components:	
Zilpaterol:	
Stability in water :	
12.3 Bioaccumulative potential	
Components:	
Zilpaterol:	
Partition coefficient: n- : octanol/water	
12.4 Mobility in soil	
Components:	
Zilpaterol:	



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	bution among environ- al compartments	:	log Koc: 2,8		
12.5 Resu	lts of PBT and vPvB a	isse	ssment		
Prod	uct:				
Assessment		:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		
12.6 Othe	r adverse effects				
Prod	uct:				
Endo tial	crine disrupting poten-	:	ered to have e REACH Article	e/mixture does not contain components consid- indocrine disrupting properties according to a 57(f) or Commission Delegated regulation 00 or Commission Regulation (EU) 2018/605 at or higher.	
SECTION	N 13: Disposal consi	der	ations		
13.1 Wast	te treatment methods				
Product :		:	According to the are not produce Waste codes s	accordance with local regulations. The European Waste Catalogue, Waste Codes at specific, but application specific. Should be assigned by the user, preferably in the waste disposal authorities.	

		discussion with the waste disposal authorities.
		Do not dispose of waste into sewer.
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.

SECTION 14: Transport information

14.1 UN number

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



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14.3 Tran	sport hazard class(es)					
ADN		:	Not regulated as	a dangerous good			
ADR		:	: Not regulated as a dangerous good				
RID		:	: Not regulated as a dangerous good				
IMDO	6	:	: Not regulated as a dangerous good				
ΙΑΤΑ		:	Not regulated as	a dangerous good			
14.4 Pack	king group						
ADN		:	Not regulated as	a dangerous good			
ADR		:	Not regulated as	a dangerous good			
RID			a dangerous good				
IMDG		:	Not regulated as	a dangerous good			
IATA (Cargo) : Not regulated as a dangerous good		a dangerous good					
ΙΑΤΑ	(Passenger)	:	Not regulated as	a dangerous good			
	14.5 Environmental hazards Not regulated as a dangerous good						
-	ial precautions for us	ser					
14.7 Tran	sport in bulk accordir	ng to	Annex II of Marpe	ol and the IBC Code			
Rema	arks	:	Not applicable for	r product as supplied.			
SECTION 15: Regulatory information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mix- ture							
The components of this product are reported in the following inventories: AICS : not determined							

15.2 Chamical asfaty accommont	
15.2 Chemical safety assessment	

DSL

IECSC

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Other information	:	Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.
Full text of H-Statements H302	:	Harmful if swallowed.

: not determined

: not determined



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	332 372	: Harmful if inha : Causes dama exposure.	aled. ge to organs through prolonged or repeated
Fu	Il text of other abbrevia	tions	
	ute Tox. OT RE	: Acute toxicity : Specific target	t organ toxicity - repeated exposure
Wa Ro tio of Eu as cy so bo Tra tio IM - II KE tio tio NO feo Ch of stat Pa	aterways; ADR - Agreer bad; AIIC - Australian Inve g of Materials; bw - Body n (EC) No 1272/2008; C the German Institute for iropean Chemicals Agen sociated with x% respons Schedule; ENCS - Existi ciated with x% growth ra ratory Practice; IARC - It ansport Association; IBC ng Dangerous Chemicals nal Civil Aviation Organiz DG - International Maritin ndustrial Safety and Hea CI - Korea Existing Cher n; LD50 - Lethal Dose to nal Convention for the F D(A)EC - No Observed (A ct Level; NOELR - No C memicals; OECD - Organi Chemical Safety and Po ance; PICCS - Philippines ive) Structure Activity Re riliament and of the Cou	nent concerning the entory of Industrial Cl weight; CLP - Classi WR - Carcinogen, Mu Standardisation; DSI cy; EC-Number - Eur se; ELx - Loading rate ng and New Chemic ate response; GHS - nternational Agency f - International Agency f - International Code s in Bulk; IC50 - Half zation; IECSC - Invel ne Dangerous Goods Ith Law (Japan); ISO nicals Inventory; LC5 9 50% of a test popul Prevention of Pollutio Adverse) Effect Conc Deservable Effect Los zation for Economic Ilution Prevention; Pl s Inventory of Chemic lationship; REACH - uncil concerning the	rnational Carriage of Dangerous Goods by Inland International Carriage of Dangerous Goods by hemicals; ASTM - American Society for the Test- fication Labelling Packaging Regulation; Regula- utagen or Reproductive Toxicant; DIN - Standard L - Domestic Substances List (Canada); ECHA - opean Community number; ECx - Concentration e associated with x% response; EmS - Emergen- al Substances (Japan); ErCx - Concentration as- Globally Harmonized System; GLP - Good La- for Research on Cancer; IATA - International Air for the Construction and Equipment of Ships car- maximal inhibitory concentration; ICAO - Interna- ntory of Existing Chemical Substances in China; ; IMO - International Maritime Organization; ISHL - International Organisation for Standardization; 0 - Lethal Concentration to 50 % of a test popula- lation (Median Lethal Dose); MARPOL - Interna- in from Ships; n.o.s Not Otherwise Specified; entration; NO(A)EL - No Observed (Adverse) Ef- ading Rate; NZIoC - New Zealand Inventory of Co-operation and Development; OPPTS - Office BT - Persistent, Bioaccumulative and Toxic sub- als and Chemical Substances; (Q)SAR - (Quanti- Regulation (EC) No 1907/2006 of the European Registration, Evaluation, Authorisation and Re- parance the International Carriage of Dangerous

striction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

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

Classification of the mixture:

STOT RE 2

H373

Classification procedure: Calculation method

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



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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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