

Gonadorelin Formulation

Version 6.0	Revision Date: 28.09.2024	-	DS Number: 3545-00019	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016		
SECTION	N 1: Identification of t	the	substance/	mixture and of the company/undertaking		
	ict identifier					
Trade	e name		Gonadorelin	Formulation		
Othe	r means of identification	:		FERTAGYL SYNTHETIC GONADOTROPHIN RELEASING HORMONE (37210)		
1.2 Releva	ant identified uses of tl	he s	substance or	mixture and uses advised against		
	of the Sub- ce/Mixture	:	Veterinary p	roduct		
Reco on us	mmended restrictions	:	Not applicat	le		
1.3 Detail	s of the supplier of the	sat	fety data she	et		
Com	bany	:	MSD 20 Spartan I 1619 Sparta	Road an, South Africa		
Telep	bhone	:	+271192393	800		
	il address of person onsible for the SDS	:	EHSDATAS	TEWARD@msd.com		
	gency telephone numb 08-423-6000	er				
SECTION	N 2: Hazards identific	ati	on			
2.1 Class	ification of the substan	ce	or mixture			
Class	sification (REGULATIO	N (I	EC) No 1272/2	2008)		
Skin sensitisation, Category 1 Reproductive toxicity, Category 2			2 H	317: May cause an allergic skin reaction. 361fd: Suspected of damaging fertility. Suspecte		

Specific target organ toxicity - repeated exposure, Category 1

2.2 Label elements

H317: May cause an allergic skin reaction. H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child. H372: Causes damage to organs through prolonged or repeated exposure.

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H317 May cause an allergic skin reaction.



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		ing the unborn chi	d of damaging fertility. Suspected of damag- ld. amage to organs through prolonged or re-
Preca	utionary statements	P264 Wash skin P270 Do not eat	ecial instructions before use. thoroughly after handling. t, drink or smoke when using this product. ective gloves/ protective clothing/ eye protec- on.
		attention.	exposed or concerned: Get medical advice/ skin irritation or rash occurs: Get medical

Hazardous components which must be listed on the label: Benzyl alcohol Gonadorelin

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Benzyl alcohol	100-51-6 202-859-9 603-057-00-5	Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Sens. 1B; H317	>= 1 - < 10
Gonadorelin	34973-08-5	Repr. 2; H361fd STOT RE 1; H372 (Endocrine system)	>= 0,001 - < 0,1

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



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		advice.			
Protection of first-aiders		and use t	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.		
In case of skin contact		of water. Remove Get medi Wash clo	In case of contact, immediately flush skin with soap and plent of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.		
In case of eye contact			es with water as a precaution. cal attention if irritation develops and persists.		
If swallowed		Get medi	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.		
4.2 Most i	mportant symptoms a	and effects, bo	th acute and delayed		
Risks		Suspecte unborn c	lamage to organs through prolonged or repeated		

4.3 Indication of any immediate medical attention and special treatment needed

Treatment

: Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire- : Exposure to combustion products may be a hazard to health. fighting

Hazardous combustion prod- : Carbon oxides ucts



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5.3 Ac	lvice for firefighters			
	pecial protective equipment or firefighters	:		e, wear self-contained breathing apparatus. tective equipment.
	Specific extinguishing meth- ods		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

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. 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.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	 Soak up with inert absorbent material. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked 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.
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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	: See Engineering measures under EXPOSURE
	CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	: Use only with adequate ventilation.
Advice on safe handling	: Do not get on skin or clothing.



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Hygiene measures		Do not swalle Avoid contac Wash skin th Handle in ac practice, bas sessment Do not eat, o Take care to environment If exposure to flushing syst place. When work clothing	 Do not breathe mist or vapours. Do not swallow. 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 Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the environment. If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. 				
7.2 Cond	litions for safe storage,	including any in	compatibilities				
	uirements for storage s and containers		erly labelled containers. Store locked up. Store in with the particular national regulations.				
Advice on common storage		Strong oxidiz	substances and mixtures				
726000	ific and usa(s)						
7.3 Specific end use(s) Specific use(s)		: No data avai	lable				

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Gonadorelin	34973-08-5	TWA	0.2 μg/m3 (OEB 5)	Internal
		Wipe limit	2 µg/100 cm ²	Internal

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

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Benzyl alcohol	Workers	Inhalation	Long-term systemic effects	22 mg/m3
	Workers	Inhalation	Acute systemic ef- fects	110 mg/m3
	Workers	Skin contact	Long-term systemic effects	8 mg/kg bw/day
	Workers	Skin contact	Acute systemic ef- fects	40 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic	5,4 mg/m3



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		Consumers	Inhalation		effects Acute systemic ef- fects	27 mg/m3
		Consumers	umers Skin contact		Long-term systemic effects	4 mg/kg bw/day
		Consumers	Skin conta	act	Acute systemic ef- fects	20 mg/kg bw/day
		Consumers	Ingestion		Long-term systemic effects	4 mg/kg bw/day
		Consumers	Ingestion		Acute systemic ef- fects	20 mg/kg bw/day

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

Substance name	Environmental Compartment	Value
Benzyl alcohol	Fresh water	1 mg/l
	Marine water	0,1 mg/l
	Intermittent use/release	2,3 mg/l
	Sewage treatment plant	39 mg/l
	Fresh water sediment	5,27 mg/kg
	Marine sediment	0,527 mg/kg
	Soil	0,456 mg/kg

8.2 Exposure controls

Engineering measures

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

Personal protective equipme Eye/face protection	ent :	Wear the following personal protective equipment: Safety glasses
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	:	Select appropriate protective clothing based on chemical re- sistance data and an assessment of the local exposure poten- tial. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).
Respiratory protection	:	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection.
Filter type	:	Organic vapour type (A)



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

9.1	information on basic physical	an	u chemical properties
	Appearance Colour Odour Odour Threshold	::	liquid No data available No data available No data available
	рН	:	No data available
	Melting point/freezing point	:	No data available
	Initial boiling point and boiling range	:	No data available
	Flash point	:	No data available
	Evaporation rate	:	No data available
	Flammability (solid, gas)	:	Not applicable
	Upper explosion limit / Upper flammability limit	:	No data available
	Lower explosion limit / Lower flammability limit	:	No data available
	Vapour pressure	:	No data available
	Relative vapour density	:	No data available
	Density	:	No data available
	Solubility(ies) Water solubility Partition coefficient: n- octanol/water	:	No data available No data available
	Auto-ignition temperature	:	No data available
	Decomposition temperature	:	No data available
	Viscosity Viscosity, dynamic	:	No data available
	Viscosity, kinematic	:	No data available
	Explosive properties	:	Not explosive
	Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
9.2	Other information		
	Flammability (liquids)	:	No data available
	Molecular weight	:	Not applicable



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Partic	sle size	:	No data availa	ble
SECTION	10: Stability and	reacti	vity	
10.1 Reac Not c	tivity lassified as a reactivit	y haza	rd.	
	nical stability e under normal condit	tions.		
10.3 Poss	ibility of hazardous	reaction	ons	
	rdous reactions	:		strong oxidizing agents.
	litions to avoid itions to avoid	:	None known.	
	mpatible materials		Oxidizing ager	a to
	azardous decompositi I 11: Toxicologica	-		·
11.1 Infor	mation on toxicolog	ical ef	fects	
Inform	Information on likely routes of : exposure		Inhalation Skin contact Ingestion Eye contact	
	e toxicity lassified based on ava	ailable	information.	
Prod	uct:			
Acute	e oral toxicity	:	Acute toxicity e Method: Calcul	stimate: > 2.000 mg/kg ation method
Com	oonents:			
Benz	yl alcohol:			
Acute	oral toxicity	:	LD50 (Rat): 1.2	200 mg/kg
Acute	inhalation toxicity	:		4 h



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Gona	dorelin:			
Acute	oral toxicity	:	LD50 (Rat): > 3.0	00 mg/kg
			LD50 (Mouse): >	4.000 mg/kg
Acute	inhalation toxicity	:	Remarks: No data	a available
Acute	e dermal toxicity	:	Remarks: No data	a available
Skin	corrosion/irritation			
Not cl	assified based on avail	able	information.	
<u>Comp</u>	oonents:			
	yl alcohol:		Datali	
Speci Metho Resul	bd	:	Rabbit OECD Test Guide No skin irritation	eline 404
Intesu		•	NO SKIT ITTALIOT	
	dorelin:			
Rema	arks	•	No data available	
Not cl	us eye damage/eye in lassified based on avail ponents:			
Benz	yl alcohol:			
Speci Metho		:	Rabbit OECD Test Guide	alina 405
Resul		:		reversing within 21 days
Gona	dorelin:			
Rema		:	No data available	
Resp	iratory or skin sensiti	satio	on	
-	sensitisation cause an allergic skin re	acti	on.	
	iratory sensitisation lassified based on avail	able	information.	
<u>Com</u>	oonents:			
Benz	yl alcohol:			
Test	Гуре sure routes	:	Human repeat ins Skin contact	sult patch test (HRIPT)
Speci	es	:	Humans	
Resu		:	positive	
Asses	ssment	:	Probability or evid rate in humans	dence of low to moderate skin sensitisation
			9 / 17	



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dorelin: arks	:	No data available	9			
cell mutagenicity assified based on availa	able	information.				
oonents:						
yl alcohol:						
toxicity in vitro	:	Test Type: Bacte Result: negative	erial reverse mutation assay (AMES)			
toxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in viv cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Result: negative				
dorelin:						
Genotoxicity in vitro		Result: negative	erial reverse mutation assay (AMES) on data from similar materials			
		Result: negative	ro mammalian cell gene mutation test on data from similar materials			
		Result: negative	mosome aberration test in vitro			
cell mutagenicity- As- nent	:	Weight of evidence does not support classification as a germ cell mutagen.				
nogenicity assified based on avail	able	information.				
oonents:						
es cation Route sure time od t	:	Mouse Ingestion 103 weeks OECD Test Guid negative	leline 451			
dorelin:						
es sure time L t	:	Mouse 2 Years 2,4 mg/kg body v positive	weight			
	28.09.2024 dorelin: urks cell mutagenicity assified based on available ponents: yl alcohol: toxicity in vitro dorelin: toxicity in vitro dorelin: toxicity in vitro cell mutagenicity- As- nent nogenicity assified based on available ponents: yl alcohol: es cation Route sure time bd t dorelin: es sure time L	28.09.2024 61 dorelin: : assified based on available : cell mutagenicity assified based on available conents: : yl alcohol: : toxicity in vitro : dorelin: : toxicity in vitro : dorelin: : toxicity in vitro : dorelin: : toxicity in vitro : nogenicity assified based on available ponents: : yl alcohol: : toxicity in vitro : inogenicity assified based on available ponents: : yl alcohol: : es : assified based on available : ponents: : yl alcohol: : es : astion Route : astion Route : astre time : it :	28.09.2024 613545-00019 dorelin:			



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Rema	urks	:	Based on data fro	m similar materials			
Expos LOAE Resul	Species Exposure time LOAEL Result Remarks		Rat 1 Years 0,05 mg/kg body weight negative Benign tumor(s) The mechanism or mode of action may not be relevant in hu- mans. Based on data from similar materials				
	oductive toxicity ected of damaging fertil	ity. S	Suspected of dama	ging the unborn child.			
	oonents:						
	yl alcohol: s on fertility	:	Species: Rat Application Route Result: negative	y/early embryonic development : Ingestion on data from similar materials			
Effect ment	s on foetal develop-	:	Test Type: Embry Species: Mouse Application Route Result: negative	o-foetal development : Ingestion			
Gona	dorelin:						
Effect	s on fertility	:	Species: Rat, fem Application Route Fertility: LOAEL: Result: Effects on	: Subcutaneous 50 μg/kg			
			Species: Rat, mal Application Route Fertility: LOAEL: & Result: Effects on	: Subcutaneous 500 μg/kg			
			Test Type: Fertilit Species: Rabbit Application Route Fertility: LOAEL: Result: Effects on	l.000 μg/kg			
			Test Type: Fertilit Species: Dog, ma Application Route Fertility: LOAEL: Result: Effects on	: Subcutaneous I07 - 214 μg/kg			



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Effe men	cts on foetal develop- t	:	Species: Rat Application Route Developmental T Result: Effects or Test Type: Embry	/o-foetal development e: Subcutaneous oxicity: LOAEL: >= 2 μg/kg n foetal development /o-foetal development
			Result: Effects or	oxicity: LOAEL: > 20 μg/kg α foetal development
	roductive toxicity - As- sment	:	fertility, based on	f adverse effects on sexual function and animal experiments., Some evidence of n development, based on animal experi-
)T - single exposure classified based on availa	able	information.	
	OT - repeated exposure ses damage to organs th	roud	ah prolonaed or rec	eated exposure.
	nponents:			
Targ	nadorelin: get Organs essment	:	Endocrine systen Causes damage exposure.	n to organs through prolonged or repeated
Rep	eated dose toxicity			
<u>Con</u>	nponents:			
Spe NOA App	AEL lication Route osure time		Rat 1,072 mg/l inhalation (dust/m 28 Days OECD Test Guide	,
Gon	adorelin:			
Exp		:	Rat 0,12 mg/kg Intramuscular 15 Days No significant adv	verse effects were reported
Exp		: : : : : : : : : : : : : : : : : : : :	Rat 0,072 mg/kg Intravenous 15 Days No significant adv	verse effects were reported



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s - ition Route ure time ks	: Dog : 0,12 mg/kg : Intramuscula : 15 Days : No significan	r t adverse effects were reported
s - ition Route ire time ks	: Dog : 0,072 mg/kg : Intravenous : 15 Days : No significan	t adverse effects were reported
	Aposule	
orelin: on		lausea, Abdominal pain, Headache, Palpitation, nction change, bronchospasm, anaphylaxis
	28.09.2024 s ition Route ure time ks s tion Route ure time ks tion toxicity ssified based on ava ence with human e onents: orelin:	28.09.2024 613545-00019 s : Dog . 0,12 mg/kg . 1ntramuscula ure time : 15 Days ks : No significan s : Dog . 0,072 mg/kg . 0,072 mg/kg . 0,072 mg/kg . 15 Days . 0,072 mg/kg . 15 Days . No significan s : No significan tion toxicity ssified based on available information. ence with human exposure onents: on : Symptoms: N

12.1 Toxicity

Components:

Benzyl alcohol:

Denzyr alconol.		
Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 460 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 230 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): 770 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
		NOEC (Pseudokirchneriella subcapitata (green algae)): 310 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC: 51 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211



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12.2 Pers	istence and degradabi	lity		
<u>Com</u>	ponents:			
Benz	yl alcohol:			
Biode	egradability	:	Result: Readily b Biodegradation: Exposure time: 1	92 - 96 %
12.3 Bioa	ccumulative potential			
Com	ponents:			
Partit	r yl alcohol: ion coefficient: n- iol/water	:	log Pow: 1,05	
	i lity in soil ata available			
12.5 Resu	Ilts of PBT and vPvB a	sse	ssment	
<u>Prod</u>	uct:			
Asse	ssment	:	to be either persi	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of
12.6 Othe	r adverse effects			
<u>Prod</u>	uct:			
Endo tial	crine disrupting poten-	:	ered to have end REACH Article 5	ixture does not contain components consid- ocrine disrupting properties according to 7(f) or Commission Delegated regulation or Commission Regulation (EU) 2018/605 at higher.
SECTION	N 13: Disposal consi	dera	ations	
13.1 Wast	te treatment methods			
Produ		:	According to the are not product s Waste codes sho discussion with th	cordance with local regulations. European Waste Catalogue, Waste Codes pecific, but application specific. buld be assigned by the user, preferably in the waste disposal authorities. f waste into sewer.

Contaminated packagingDo 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



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ADN		: Not regulated as a dangerous good	
ADR		: Not regulated as a dangerous good	
RID		: Not regulated as a dangerous good	
IMDO	a	: Not regulated as a dangerous good	
IATA		: Not regulated as a dangerous good	
	oroper shipping name		
ADN		: Not regulated as a dangerous good	
ADR		: Not regulated as a dangerous good	
RID		: Not regulated as a dangerous good	
IMDO	3	: Not regulated as a dangerous good	
ΙΑΤΑ		: Not regulated as a dangerous good	
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	ting group		
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	(Cargo)	: Not regulated as a dangerous good	
ΙΑΤΑ	(Passenger)	: Not regulated as a dangerous good	
-	ronmental hazards egulated as a dangero	s good	
•	ial precautions for us	er en	
14.7 Tran	sport in bulk accordi	g to Annex II of Marpol and the IBC Code	
Rema	arks	: Not applicable for product as supplied.	

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



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DSL			determined	
IECS	SC	: not o	determined	
	mical safety assessm al Safety Assessment I		en carried ou	ut.
SECTIO	N 16: Other informa	tion		
Othe	r information		nighlighted i	anges have been made to the previous version n the body of this document by two vertical
Full	text of H-Statements			
H302 H317 H319 H361	2 7) Ifd	: May : Cau : Susj unbo	ses serious pected of da prn child.	llergic skin reaction. eye irritation. maging fertility. Suspected of damaging the
H372	2		: Causes damage to organs through prolonged or repeated exposure if swallowed.	
Full	text of other abbrevia	tions		
Eye l Repr Skin		: Eye : Rep : Skin	e toxicity irritation roductive to sensitisatic cific target c	
Wate Road ing o tion (of the Euro asso cy So socia borat Trans rying tiona IMDO - Ind KEC	ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inlam Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods b Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regula tion (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standar of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA European Chemicals Agency; EC-Number - European Community number; ECx - Concentratio associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergen cy Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La boratory Practice; IARC - International Agency for Research on Cancer; IATA - International A Transport Association; IBC - International Code for the Construction and Equipment of Ships can rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna- tional Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISH - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardizatior KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test popula tion: LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose): MARPOL - Interna-			

tion; 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; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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 - (Quanti-



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tative) 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; 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	:	Internal technical data, data from raw material SDSs, OECD
compile the Safety Data		eChem Portal search results and European Chemicals Agen-
Sheet		cy, http://echa.europa.eu/

Classification of the n	nixture:	Classification procedure:
Skin Sens. 1	H317	Calculation method
Repr. 2	H361fd	Calculation method
STOT RE 1	H372	Calculation method

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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