

## **Gonadorelin Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 08.12.2023
6.0	28.09.2024	613540-00017	Date of first issue: 27.04.2016

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name Other means of identification	:	Gonadorelin Formulation FERTAGYL SYNTHETIC GONADOTROPHIN RELEASIN HORMONE (37210)		
Manufacturer or supplier's o	leta	ails		
Company name of supplier	:	MSD		
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@msd.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	ı
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Skin sensitization	:	Category 1
Reproductive toxicity	:	Category 2
Specific target organ toxicity - repeated exposure (Oral)	:	Category 1 (Endocrine system)
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H317 May cause an allergic skin reaction. H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H372 Causes damage to organs (Endocrine system) through prolonged or repeated exposure if swallowed.
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>P260 Do not breathe mist or vapors.</li> <li>P264 Wash skin thoroughly after handling.</li> <li>P270 Do not eat, drink or smoke when using this product.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> </ul>



## **Gonadorelin Formulation**

Version 6.0	Revision Date: 28.09.2024	SDS Number: 613540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016
		P280 Wear pro face protection	otective gloves/ protective clothing/ eye protection/
		P308 + P313 I attention. P333 + P313 I attention.	F ON SKIN: Wash with plenty of water. F exposed or concerned: Get medical advice/ f skin irritation or rash occurs: Get medical advice/ Fake off contaminated clothing and wash it before
		<b>Storage:</b> P405 Store loc	ked up.
		<b>Disposal:</b> P501 Dispose posal plant.	of contents/ container to an approved waste dis-
•	<b>hazards</b> known.		

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	: M	lixture	
Components			
Chemical name		CAS-No.	Concentration (% w/w)
Benzyl alcohol		100-51-6	>= 1 -< 5
Gonadorelin		34973-08-5	>= 0.001 -< 0.1

### SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. Get medical attention.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	:	May cause an allergic skin reaction. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated



## **Gonadorelin Formulation**

Versio 6.0		Revision Date: 28.09.2024		S Number: 3540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016			
	Protection of first-aiders Notes to physician		:	<ul> <li>exposure if swallowed.</li> <li>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).</li> <li>Treat symptomatically and supportively.</li> </ul>				
SECT	FION 5.	FIRE-FIGHTING ME	ASU	IRES				
S	Suitable	extinguishing media	:	Water spray Alcohol-resistant f Carbon dioxide (C Dry chemical				
	Unsuitat media	ble extinguishing	:	None known.				
	Specific fighting	hazards during fire	:	Exposure to comb	oustion products may be a hazard to health.			
	Hazardo ucts	us 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 p for fire-fi	protective equipment ghters	:	In the event of fire Use personal prot	e, wear self-contained breathing apparatus. ective equipment.			

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : tive equipment and emer- gency procedures	Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).
Environmental precautions :	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for : containment and cleaning up	Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.



### **Gonadorelin Formulation**

Version 6.0	Revision Date: 28.09.2024	SDS Number: 613540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016
		disposal of thi employed in th determine whi Sections 13 a	nal regulations may apply to releases and s material, as well as those materials and items ne cleanup of releases. You will need to ch regulations are applicable. nd 15 of this SDS provide information regarding r national requirements.
SECTION	7. HANDLING AND ST	TORAGE	
Tech	nical measures		ng measures under EXPOSURE PERSONAL PROTECTION section.
Loca	I/Total ventilation		adequate ventilation.
	ce on safe handling	: Do not get on	skin or clothing.
	-	Do not breath	e mist or vapors.
		Do not swallow	
		Avoid contact	
			roughly after handling.
			ordance with good industrial hygiene and safety
		assessment	d on the results of the workplace exposure
			nk or smoke when using this product.
			prevent spills, waste and minimize release to the
		environment.	······································
Hygie	ene measures	flushing system	chemical is likely during typical use, provide eye ms and safety showers close to the working
		place.	
			o not eat, drink or smoke. work clothing should not be allowed out of the
		workplace.	work clothing should not be allowed out of the
			inated clothing before re-use.
Conc	litions for safe storage		rly labeled containers.
		Store locked u	
			dance with the particular national regulations.
Mate	rials to avoid		vith the following product types:
		Strong oxidizir	
			ubstances and mixtures
		Organic perox	Ides
		Explosives Gases	
		Gases	

### 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
Gonadorelin	34973-08-5	TWA	0.2 μg/m3 (OEB 5)	Internal
		Wipe limit	2 µg/100 cm <sup>2</sup>	Internal

### Engineering measures

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



## **Gonadorelin Formulation**

Version 6.0	Revision Date: 28.09.2024	SDS Number: 613540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016				
Pers	sonal protective equip	ment					
F	ilter type	exposure ass recommende	<ul> <li>If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.</li> <li>Organic vapor Type</li> </ul>				
Hand	d protection						
N	laterial	: Chemical-res	sistant gloves				
R	emarks	on the conce time is not de For special a resistance to gloves with t	es to protect hands against chemicals depending entration specific to place of work. Breakthrough etermined for the product. Change gloves often! pplications, we recommend clarifying the chemicals of the aforementioned protective he glove manufacturer. Wash hands before at the end of workday.				
Eye	protection		owing personal protective equipment:				
Skin	and body protection	: Select appro resistance da potential. Skin contact	priate protective clothing based on chemical ata and an assessment of the local exposure must be avoided by using impervious protective ves, aprons, boots, etc).				

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	No data available
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 range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available



### **Gonadorelin Formulation**

Vers 6.0	ion	Revision Date: 28.09.2024		S Number: 3540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016
	Vapor <sub>I</sub>	pressure	:	No data available	9
	Relativ	e vapor density	:	No data available	9
	Density	/	:	No data available	9
	Solubili Wat	ity(ies) er solubility	:	No data available	9
	Partitio octanol	n coefficient: n- I/water	:	No data available	9
		nition temperature	:	No data available	9
	Decom	position temperature	:	No data available	9
	Viscosi Visc	ty cosity, dynamic	:	No data available	9
	Viso	cosity, kinematic	:	No data available	9
	Explosi	ive properties	:	Not explosive	
	Oxidizi	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Molecu	llar weight	:	Not applicable	
	Particle Particle	e characteristics e size	:	No data available	

### SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac- tions	:	Not classified as a reactivity hazard. Stable under normal conditions. Can react with strong oxidizing agents.
Conditions to avoid Incompatible materials Hazardous decomposition products	:	None known. Oxidizing agents No hazardous decomposition products are known.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation Skin contact Ingestion Eye contact

### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity

: Acute toxicity estimate: > 5,000 mg/kg



ersion .0	Revision Date: 28.09.2024	-	S Number: 3540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016
			Method: Calcu	lation method
Comp	oonents:			
Benzy	yl alcohol:			
	oral toxicity	:	LD50 (Rat): 1,	200 mg/kg
Acute	inhalation toxicity	:		:4 h
Gona	dorelin:			
	oral toxicity	:	LD50 (Rat): >	3,000 mg/kg
			LD50 (Mouse)	: > 4,000 mg/kg
Acute	inhalation toxicity	:	Remarks: No	data available
Acute	e dermal toxicity	:	Remarks: No	data available
	corrosion/irritation	ailahla	information	
Not cl Comp Benzy Speci	lassified based on ava <u>conents:</u> yl alcohol: es	ailable	Rabbit	udeline 404
Not cl	lassified based on ava <u>conents:</u> yl alcohol: es od	ailable : :		
Not cl Comp Benzy Speci Metho Resul	lassified based on ava <u>conents:</u> yl alcohol: es od It dorelin:	ailable : :	Rabbit OECD Test G No skin irritatio	n
Not cl Comp Benzy Speci Metho Resul	lassified based on ava <u>conents:</u> yl alcohol: es od It dorelin:	ailable : : :	Rabbit OECD Test G	n
Not cl Comp Benzy Speci Metho Resul Gona Rema	lassified based on ava <u>conents:</u> yl alcohol: es od it it arks us eye damage/eye	: : : irritati	Rabbit OECD Test G No skin irritatio No data availa on	n
Not cl Comp Benzy Speci Metho Resul Gona Rema Serio	lassified based on ava <u>conents:</u> yl alcohol: es od lt dorelin: arks	: : : irritati	Rabbit OECD Test G No skin irritatio No data availa on	n
Not cl Comp Benzy Speci Metho Resul Gona Rema Serio Not cl <u>Comp</u>	lassified based on ava <u>conents:</u> yl alcohol: es od t dorelin: arks us eye damage/eye lassified based on ava	: : : irritati	Rabbit OECD Test G No skin irritatio No data availa on	n
Not cl Comp Benzy Speci Metho Resul Gona Rema Serio Not cl <u>Comp</u>	lassified based on ava <u>conents:</u> yl alcohol: es od it arks us eye damage/eye lassified based on ava <u>conents:</u> yl alcohol:	: : : irritati	Rabbit OECD Test G No skin irritatio No data availa on	n
Not cl Comp Benzy Speci Metho Resul Gona Rema Serio Not cl Comp Benzy Speci Resul	lassified based on ava <u>conents:</u> yl alcohol: es od lt arks us eye damage/eye lassified based on ava <u>conents:</u> yl alcohol: es lt	: : : irritati	Rabbit OECD Test Go No skin irritatio No data availa on information. Rabbit Irritation to eye	ble es, reversing within 21 days
Not cl Comp Benzy Speci Metho Resul Gona Rema Serio Not cl Comp Benzy	lassified based on ava <u>conents:</u> yl alcohol: es od lt arks us eye damage/eye lassified based on ava <u>conents:</u> yl alcohol: es lt	: : : irritati	Rabbit OECD Test G No skin irritatio No data availa on information.	ble es, reversing within 21 days
Not cl Comp Benzy Speci Metho Resul Gona Rema Serio Not cl Comp Benzy Speci Resul Metho	lassified based on ava <u>conents:</u> yl alcohol: es bd it arks us eye damage/eye lassified based on ava <u>conents:</u> yl alcohol: es it bd dorelin:	: : : irritati	Rabbit OECD Test Go No skin irritatio No data availa on information. Rabbit Irritation to eye	ble es, reversing within 21 days



0	Revision Date: 28.09.2024	SDS Number: 613540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016
Resp	iratory or skin sens	itization	
	sensitization ause an allergic skin	reaction.	
	iratory sensitizatior		
	assified based on av		
Com	oonents:		
Benz	yl alcohol:		
Test	Гуре	: Human repea	at insult patch test (HRIPT)
	es of exposure	: Skin contact	
Speci Resul		: Humans : positive	
Asses	ssment	: Probability or rate in humar	evidence of low to moderate skin sensitization
Gona	dorelin:		
Rema		: No data avail	able
	a cell mutagenicity assified based on av	ailable information.	
Not cl	assified based on av	ailable information.	
Not cl	assified based on av conents:	ailable information.	
Not cl	assified based on av		acterial reverse mutation assay (AMES) ive
Not cl Comp Benzy Geno	assified based on av ponents: yl alcohol:	: Test Type: Ba Result: negat : Test Type: Ma cytogenetic a	ive ammalian erythrocyte micronucleus test (in vivo ssay)
Not cl Comp Benzy Geno	assified based on av ponents: yl alcohol: toxicity in vitro	: Test Type: Ba Result: negat : Test Type: Ma cytogenetic a Species: Mou	ive ammalian erythrocyte micronucleus test (in vivo ssay) ise oute: Intraperitoneal injection
Benz Geno	assified based on av <u>ponents:</u> yl alcohol: toxicity in vitro toxicity in vivo	: Test Type: Ba Result: negat : Test Type: Ma cytogenetic a Species: Mou Application R	ive ammalian erythrocyte micronucleus test (in vivo ssay) ise oute: Intraperitoneal injection
Not cl Comp Benz Geno Geno	assified based on av <u>ponents:</u> yl alcohol: toxicity in vitro toxicity in vivo	<ul> <li>Test Type: Ba Result: negat</li> <li>Test Type: Ma cytogenetic a Species: Mou Application R Result: negat</li> </ul>	ive ammalian erythrocyte micronucleus test (in vivo ssay) ise oute: Intraperitoneal injection ive
Not cl Comp Benz Geno Geno	assified based on av <u>ponents:</u> yl alcohol: toxicity in vitro toxicity in vivo	<ul> <li>Test Type: Ba Result: negat</li> <li>Test Type: Ma cytogenetic a Species: Mou Application R Result: negat</li> <li>Test Type: Ba Result: negat</li> </ul>	ive ammalian erythrocyte micronucleus test (in vivo ssay) use oute: Intraperitoneal injection ive acterial reverse mutation assay (AMES) ive
Not cl Comp Benz Geno Geno	assified based on av <u>ponents:</u> yl alcohol: toxicity in vitro toxicity in vivo	<ul> <li>Test Type: Ba Result: negat</li> <li>Test Type: Ma cytogenetic a Species: Mou Application R Result: negat</li> <li>Test Type: Ba Result: negat</li> </ul>	ive ammalian erythrocyte micronucleus test (in vivo ssay) ise oute: Intraperitoneal injection ive acterial reverse mutation assay (AMES)
Not cl Comp Benz Geno Geno	assified based on av <u>ponents:</u> yl alcohol: toxicity in vitro toxicity in vivo	<ul> <li>Test Type: Ba Result: negat</li> <li>Test Type: Ma cytogenetic a Species: Mou Application R Result: negat</li> <li>Test Type: Ba Result: negat Result: negat</li> </ul>	ive ammalian erythrocyte micronucleus test (in vivo ssay) use oute: Intraperitoneal injection ive acterial reverse mutation assay (AMES) ive
Not cl Comp Benz Geno Geno	assified based on av <u>ponents:</u> yl alcohol: toxicity in vitro toxicity in vivo	<ul> <li>Test Type: Ba Result: negat</li> <li>Test Type: Ma cytogenetic a Species: Mou Application R Result: negat</li> <li>Test Type: Ba Result: negat Remarks: Bas Test Type: In Result: negat</li> </ul>	ive ammalian erythrocyte micronucleus test (in vivo ssay) use oute: Intraperitoneal injection ive acterial reverse mutation assay (AMES) ive sed on data from similar materials vitro mammalian cell gene mutation test ive
Not cl Comp Benz Geno Geno	assified based on av <u>ponents:</u> yl alcohol: toxicity in vitro toxicity in vivo	<ul> <li>Test Type: Ba Result: negat</li> <li>Test Type: Ma cytogenetic a Species: Mou Application R Result: negat</li> <li>Test Type: Ba Result: negat Remarks: Bas Test Type: In Result: negat</li> </ul>	ive ammalian erythrocyte micronucleus test (in vivo ssay) use oute: Intraperitoneal injection ive acterial reverse mutation assay (AMES) ive sed on data from similar materials vitro mammalian cell gene mutation test
Not cl Comp Benz Geno Geno	assified based on av <u>ponents:</u> yl alcohol: toxicity in vitro toxicity in vivo	<ul> <li>Test Type: Ba Result: negat</li> <li>Test Type: Ma cytogenetic a Species: Mou Application R Result: negat</li> <li>Test Type: Ba Result: negat Remarks: Bas Test Type: In Result: negat Remarks: Bas</li> </ul>	ive ammalian erythrocyte micronucleus test (in vivo ssay) use oute: Intraperitoneal injection ive acterial reverse mutation assay (AMES) ive sed on data from similar materials vitro mammalian cell gene mutation test ive sed on data from similar materials hromosome aberration test in vitro ive
Geno Geno Geno	assified based on av <u>ponents:</u> yl alcohol: toxicity in vitro toxicity in vivo	<ul> <li>Test Type: Ba Result: negat</li> <li>Test Type: Ma cytogenetic a Species: Mou Application R Result: negat</li> <li>Test Type: Ba Result: negat Remarks: Bas Test Type: In Result: negat Remarks: Bas</li> <li>Test Type: Cl Result: negat Result: negat Remarks: Bas</li> </ul>	ive ammalian erythrocyte micronucleus test (in vivo ssay) use oute: Intraperitoneal injection ive acterial reverse mutation assay (AMES) ive sed on data from similar materials vitro mammalian cell gene mutation test ive sed on data from similar materials hromosome aberration test in vitro



0	Revision Date: 28.09.2024	SDS Number: 613540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016
Carcir	nogenicity		
Not cla	assified based on availa	ble information.	
<u>Comp</u>	onents:		
Benzy	l alcohol:		
	ation Route ure time d	: Mouse : Ingestion : 103 weeks : OECD Test G : negative	uideline 451
Gonad	dorelin:		
Specie	es ure time L	: Mouse : 2 Years : 2.4 mg/kg boo : positive : Based on data	ly weight a from similar materials
LOAEI Result	ure time L	: Rat : 1 Years : 0.05 mg/kg bc : negative	
Remai	rks	mans.	
Repro	ductive toxicity	The mechanis mans. Based on data	m or mode of action may not be relevant in hu
Repro Suspe <u>Comp</u>	ductive toxicity cted of damaging fertilit onents:	The mechanis mans. Based on data	m or mode of action may not be relevant in hu a from similar materials
Repro Suspe <u>Comp</u> Benzy	ductive toxicity cted of damaging fertilit	The mechanis mans. Based on data y. Suspected of da : Test Type: Fe Species: Rat Application Ro Result: negati	m or mode of action may not be relevant in hu a from similar materials maging the unborn child. rtility/early embryonic development bute: Ingestion
Repro Suspe <u>Comp</u> Benzy Effects	ductive toxicity cted of damaging fertilit onents: rl alcohol:	The mechanis mans. Based on data y. Suspected of da : Test Type: Fe Species: Rat Application Ro Result: negati Remarks: Bas : Test Type: En Species: Mou	m or mode of action may not be relevant in hu a from similar materials maging the unborn child. rtility/early embryonic development oute: Ingestion ve sed on data from similar materials nbryo-fetal development se oute: Ingestion
Repro Suspe <u>Comp</u> Benzy Effects	ductive toxicity cted of damaging fertilit onents: I alcohol: s on fertility	The mechanis mans. Based on data y. Suspected of da : Test Type: Fe Species: Rat Application Ro Result: negati Remarks: Bas : Test Type: En Species: Mous Application Ro	m or mode of action may not be relevant in hu a from similar materials maging the unborn child. rtility/early embryonic development oute: Ingestion ve sed on data from similar materials nbryo-fetal development se oute: Ingestion



### **Gonadorelin Formulation**

rsion )	Revision Date: 28.09.2024	SDS Number: 613540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016
		Species: Rat, r Application Ro Fertility: LOAE Result: Effects Remarks: Base Test Type: Fer Species: Rabb	ute: Subcutaneous .: 500 μg/kg on fertility. ed on data from similar materials tility/early embryonic development it ute: Subcutaneous .: 1,000 μg/kg
		Species: Dog, Application Ro	tility/early embryonic development male and female ute: Subcutaneous : 107 - 214 μg/kg on fertility.
Effects	s on fetal development	Species: Rat Application Ro Developmental	bryo-fetal development ute: Subcutaneous Toxicity: LOAEL: >= 2 μg/kg on fetal development.
		Species: Rabb Application Ro Developmental	bryo-fetal development it ute: Subcutaneous Toxicity: LOAEL: > 20 μg/kg on fetal development.
Repro sessm	ductive toxicity - As- nent	fertility, based	e of adverse effects on sexual function and on animal experiments., Some evidence s on development, based on animal

Not classified based on available information.

### STOT-repeated exposure

Causes damage to organs (Endocrine system) through prolonged or repeated exposure if swallowed.

### Components:

### Gonadorelin:

Target Organs	:	End
Target Organs Assessment	:	Cau
		expo

Endocrine system Causes damage to organs through prolonged or repeated exposure.



## **Gonadorelin Formulation**

/ersion 6.0	Revision Date: 28.09.2024	SDS Number: 613540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016
Repe	ated dose toxicity		
Com	oonents:		
Benz	yl alcohol:		
	EL cation Route sure time	: Rat : 1.072 mg/l : inhalation (du : 28 Days : OECD Test G	
Gona	dorelin:		
	EL cation Route sure time	: Rat : 0.12 mg/kg : Intramuscular : 15 Days : No significant	adverse effects were reported
	EL cation Route sure time	: Rat : 0.072 mg/kg : Intravenous : 15 Days : No significant	adverse effects were reported
	EL cation Route sure time	: Dog : 0.12 mg/kg : Intramuscular : 15 Days : No significant	adverse effects were reported
	EL cation Route sure time	: Dog : 0.072 mg/kg : Intravenous : 15 Days : No significant	adverse effects were reported
-	ration toxicity lassified based on ava	ailable information	
	rience with human e		
•	oonents:	-	
	dorelin:		
Inges			ausea, Abdominal pain, Headache, Palpitation, nction change, bronchospasm, anaphylaxis

Ecotoxicity

Components:

Benzyl alcohol:



Version 6.0	Revision Date: 28.09.2024	-	0S Number: 3540-00017	Date of last issue: 08.12.2023 Date of first issue: 27.04.2016
Toxi	icity to fish	:	LC50 (Pimephale Exposure time: 9	es promelas (fathead minnow)): 460 mg/l 16 h
	icity to daphnia and other atic invertebrates	:	Exposure time: 4	nagna (Water flea)): 230 mg/l 8 h Fest Guideline 202
Toxi plan	icity to algae/aquatic ts	:	mg/l Exposure time: 7	rchneriella subcapitata (green algae)): 770 2 h Fest Guideline 201
			mg/l Exposure time: 7	irchneriella subcapitata (green algae)): 310 ′2 h Fest Guideline 201
aqua	icity to daphnia and other atic invertebrates (Chron- xicity)	:	Exposure time: 2	magna (Water flea)): 51 mg/l 1 d Fest Guideline 211
Pers	sistence and degradabili	ty		
Com	nponents:			
	<b>zyl alcohol:</b> legradability	:	Result: Readily b Biodegradation: Exposure time: 1	92 - 96 %
Bioa	accumulative potential			
Con	nponents:			
Part	<b>zyl alcohol:</b> ition coefficient: n- nol/water	:	log Pow: 1.05	
	b <b>ility in soil</b> data available			
	<b>er adverse effects</b> data available			
SECTION	N 13. DISPOSAL CONSI	DER	ATIONS	
Disp	oosal methods			

Waste from residues	: Do not dispose of waste into sewer.
	Dispose of in accordance with local regulations.
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.



### **Gonadorelin Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 08.12.2023
6.0	28.09.2024	613540-00017	Date of first issue: 27.04.2016

#### 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**

### NOM-002-SCT

Not regulated as a dangerous good

### Special precautions for user

Not applicable

#### SECTION 15. REGULATORY INFORMATION

# Safety, health and environmental regulations/legislation specific for the substance or mixture

Federal Law for the control of chemical precursors, : Not applicable essential chemical products and machinery for producing capsules, tablets and pills.

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

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

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

Revision Date	:	28.09.2024
Date format	:	dd.mm.yyyy

#### Full text of other abbreviations

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 Sys-



### Gonadorelin Formulation

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tem; 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 Agency, http://echa.europa.eu/

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

The information is considered as correct, but not exhaustive, and will be used only as a guide, which is based in the current knowledge of the substance or mixture, and is applicable to proper safety precautions for the product.

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