

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Gonadorelin Formulation  
Other means of identification : FERTAGYL SYNTHETIC GONADOTROPHIN RELEASING HORMONE (37210)

#### Manufacturer or supplier's details

Company : MSD  
Address : No. 485 Jing Tai Road  
Pu Tuo District - Shanghai - China 200331  
Telephone : +1-908-740-4000  
Emergency telephone number : 86-571-87268110  
E-mail address : EHSDATASTEWARD@msd.com

#### Recommended use of the chemical and restrictions on use

Recommended use : Veterinary product  
Restrictions on use : Not applicable

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance : liquid  
Colour : No data available  
Odour : No data available

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

#### GHS Classification

Skin sensitisation : Category 1  
Reproductive toxicity : Category 2  
Specific target organ toxicity - repeated exposure : Category 1

#### GHS label elements

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

Hazard pictograms	:	The table contains two hazard pictograms. The first is a red diamond with a black silhouette of a person with a large splash on their chest, representing 'Corrosion' (GHS08). The second is a red diamond with a large black exclamation mark in the center, representing 'Danger' (GHS09).
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 through prolonged or repeated exposure.
Precautionary statements	:	<p><b>Prevention:</b></p> <p>P203 Obtain, read and follow all safety instructions before use. P260 Do not breathe mist or vapours. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.</p> <p><b>Response:</b></p> <p>P318 IF exposed or concerned, get medical advice. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P333 + P317 If skin irritation or rash occurs: Get medical help. P362 + P364 Take off contaminated clothing and wash it before reuse.</p> <p><b>Storage:</b></p> <p>P405 Store locked up.</p> <p><b>Disposal:</b></p> <p>P501 Dispose of contents/ container to an approved waste disposal plant.</p>

### Physical and chemical hazards

Not classified based on available information.

### Health hazards

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

### Environmental hazards

Not classified based on available information.

### Other hazards which do not result in classification

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version 7.0      Revision Date: 2025/04/14      SDS Number: 613532-00019      Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

---

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Benzyl alcohol	100-51-6	>= 1 -< 10
Gonadorelin	34973-08-5	>= 0.001 -< 0.1

---

## 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 exposure.

Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).

Notes to physician : Treat symptomatically and supportively.

---

## 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : None known.

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

Hazardous combustion products : Carbon oxides

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version 7.0	Revision Date: 2025/04/14	SDS Number: 613532-00019	Date of last issue: 2024/09/28 Date of first issue: 2016/04/27
----------------	------------------------------	-----------------------------	---

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency 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 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.

## 7. HANDLING AND STORAGE

### 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.  
Do not breathe mist or vapours.  
Do not swallow.  
Avoid contact with eyes.

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

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.

Avoidance of contact : Oxidizing agents

### Storage

Conditions for safe storage : Keep in properly labelled containers.  
Store locked up.

Store in accordance with the particular national regulations.

Materials to avoid : Do not store with the following product types:  
Strong oxidizing agents

Packaging material : Unsuitable material: None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components 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/m <sup>3</sup> (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.

### Personal protective equipment

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.

Filter type : Organic vapour type

Eye/face protection : Wear the following personal protective equipment:  
Safety glasses

Skin and body protection : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.  
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Hand protection

Material : Chemical-resistant gloves

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. Breakthrough time is not

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

### Hygiene measures

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.

- 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.
- Wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	No data available
Odour	:	No data available
Odour Threshold	:	No data available
pH	:	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
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	No data available
Solubility(ies)		
Water solubility	:	No data available

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

---

Partition coefficient: n-octanol/water	:	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.
Molecular weight	:	Not applicable
Particle characteristics		
Particle size	:	No data available

---

## 10. STABILITY AND REACTIVITY

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

---

## 11. TOXICOLOGICAL INFORMATION

Exposure routes	:	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 Method: Calculation method
---------------------	---	--

#### Components:

#### **Benzyl alcohol:**

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version 7.0      Revision Date: 2025/04/14      SDS Number: 613532-00019      Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

---

Acute oral toxicity	: LD50 (Rat): 1,200 mg/kg
Acute inhalation toxicity	: LC50 (Rat): > 5.4 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 Assessment: The substance or mixture has no acute inhalation toxicity

### **Gonadorelin:**

Acute oral toxicity	: LD50 (Rat): > 3,000 mg/kg
	LD50 (Mouse): > 4,000 mg/kg
Acute inhalation toxicity	: Remarks: No data available
Acute dermal toxicity	: Remarks: No data available

### **Skin corrosion/irritation**

Not classified based on available information.

### **Components:**

#### **Benzyl alcohol:**

Species	: Rabbit
Method	: OECD Test Guideline 404
Result	: No skin irritation

### **Gonadorelin:**

Remarks	: No data available
---------	---------------------

### **Serious eye damage/eye irritation**

Not classified based on available information.

### **Components:**

#### **Benzyl alcohol:**

Species	: Rabbit
Result	: Irritation to eyes, reversing within 21 days
Method	: OECD Test Guideline 405

### **Gonadorelin:**

Remarks	: No data available
---------	---------------------

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

May cause an allergic skin reaction.

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

### Respiratory sensitisation

Not classified based on available information.

#### Components:

##### **Benzyl alcohol:**

Test Type	:	Human repeat insult patch test (HRIPT)
Exposure routes	:	Skin contact
Species	:	Humans
Result	:	positive
Assessment	:	Probability or evidence of low to moderate skin sensitisation rate in humans

##### **Gonadorelin:**

Remarks	:	No data available
---------	---	-------------------

### Germ cell mutagenicity

Not classified based on available information.

#### Components:

##### **Benzyl alcohol:**

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
Genotoxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Result: negative

##### **Gonadorelin:**

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative Remarks: Based on data from similar materials
	:	Test Type: In vitro mammalian cell gene mutation test Result: negative Remarks: Based on data from similar materials
	:	Test Type: Chromosome aberration test in vitro Result: negative Remarks: Based on data from similar materials
Germ cell mutagenicity - Assessment	:	Weight of evidence does not support classification as a germ cell mutagen.

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

### Carcinogenicity

Not classified based on available information.

#### Components:

##### **Benzyl alcohol:**

Species	:	Mouse
Application Route	:	Ingestion
Exposure time	:	103 weeks
Method	:	OECD Test Guideline 451
Result	:	negative

##### **Gonadorelin:**

Species	:	Mouse
Exposure time	:	2 Years
LOAEL	:	2.4 mg/kg body weight
Result	:	positive
Remarks	:	Based on data from similar materials
Species	:	Rat
Exposure time	:	1 Years
LOAEL	:	0.05 mg/kg body weight
Result	:	negative
Remarks	:	Benign tumor(s) The mechanism or mode of action may not be relevant in humans. Based on data from similar materials

### Reproductive toxicity

Suspected of damaging fertility. Suspected of damaging the unborn child.

#### Components:

##### **Benzyl alcohol:**

Effects on fertility	:	Test Type: Fertility/early embryonic development Species: Rat Application Route: Ingestion Result: negative Remarks: Based on data from similar materials
Effects on foetal development	:	Test Type: Embryo-foetal development Species: Mouse Application Route: Ingestion Result: negative

##### **Gonadorelin:**

Effects on fertility	:	Test Type: Fertility/early embryonic development Species: Rat, female Application Route: Subcutaneous Fertility: LOAEL: 50 µg/kg
----------------------	---	---

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

Result: Effects on fertility  
Remarks: Based on data from similar materials

Test Type: Fertility/early embryonic development  
Species: Rat, male  
Application Route: Subcutaneous  
Fertility: LOAEL: 500 µg/kg  
Result: Effects on fertility  
Remarks: Based on data from similar materials

Test Type: Fertility/early embryonic development  
Species: Rabbit  
Application Route: Subcutaneous  
Fertility: LOAEL: 1,000 µg/kg  
Result: Effects on fertility

Test Type: Fertility/early embryonic development  
Species: Dog, male and female  
Application Route: Subcutaneous  
Fertility: LOAEL: 107 - 214 µg/kg  
Result: Effects on fertility

Effects on foetal development

: Test Type: Embryo-foetal development  
Species: Rat  
Application Route: Subcutaneous  
Developmental Toxicity: LOAEL: >= 2 µg/kg  
Result: Effects on foetal development

Test Type: Embryo-foetal development  
Species: Rabbit  
Application Route: Subcutaneous  
Developmental Toxicity: LOAEL: > 20 µg/kg  
Result: Effects on foetal development

Reproductive toxicity - Assessment

: Some evidence of adverse effects on sexual function and fertility, based on animal experiments., Some evidence of adverse effects on development, based on animal experiments.

### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

### Components:

#### **Gonadorelin:**

Target Organs  
Assessment

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

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

### Repeated dose toxicity

#### Components:

##### **Benzyl alcohol:**

Species	:	Rat
NOAEL	:	1.072 mg/l
Application Route	:	inhalation (dust/mist/fume)
Exposure time	:	28 Days
Method	:	OECD Test Guideline 412

##### **Gonadorelin:**

Species	:	Rat
NOAEL	:	0.12 mg/kg
Application Route	:	Intramuscular
Exposure time	:	15 Days
Remarks	:	No significant adverse effects were reported

Species	:	Rat
NOAEL	:	0.072 mg/kg
Application Route	:	Intravenous
Exposure time	:	15 Days
Remarks	:	No significant adverse effects were reported

Species	:	Dog
NOAEL	:	0.12 mg/kg
Application Route	:	Intramuscular
Exposure time	:	15 Days
Remarks	:	No significant adverse effects were reported

Species	:	Dog
NOAEL	:	0.072 mg/kg
Application Route	:	Intravenous
Exposure time	:	15 Days
Remarks	:	No significant adverse effects were reported

### Aspiration toxicity

Not classified based on available information.

#### **Experience with human exposure**

#### Components:

##### **Gonadorelin:**

Ingestion	:	Symptoms: Nausea, Abdominal pain, Headache, Palpitation, acne, liver function change, bronchospasm, anaphylaxis
-----------	---	---

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

##### **Benzyl alcohol:**

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 (Chronic toxicity)	: NOEC (Daphnia magna (Water flea)): 51 mg/l Exposure time: 21 d Method: OECD Test Guideline 211

### Persistence and degradability

#### Components:

##### **Benzyl alcohol:**

Biodegradability	: Result: Readily biodegradable. Biodegradation: 92 - 96 % Exposure time: 14 d
------------------	--

### Bioaccumulative potential

#### Components:

##### **Benzyl alcohol:**

Partition coefficient: n-octanol/water	: log Pow: 1.05
--	-----------------

### Mobility in soil

No data available

### Other adverse effects

No data available

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

---

### 13. DISPOSAL CONSIDERATIONS

#### Disposal 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.

---

### 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Environmentally hazardous : no

##### IATA-DGR

UN/ID No. : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Packing instruction (cargo aircraft) : Not applicable  
Packing instruction (passenger aircraft) : Not applicable

##### IMDG-Code

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : no

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

Not applicable for product as supplied.

#### National Regulations

##### GB 6944/12268

UN number : Not applicable  
Proper shipping name : Not applicable

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version 7.0      Revision Date: 2025/04/14      SDS Number: 613532-00019      Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

---

Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Marine pollutant : no

### Special precautions for user

Not applicable

---

## 15. REGULATORY INFORMATION

### National regulatory information

#### Law on the Prevention and Control of Occupational Diseases

#### Regulations on Safety Management of Hazardous Chemicals

Catalogue of Hazardous Chemicals : This product is not listed in the catalogue of hazardous chemicals, but it meets the definition of hazardous chemicals and its principles of determination.

Identification of Major Hazard Installations for Hazardous Chemicals (GB 18218) : Not listed

Hazardous Chemicals for Priority Management under SAWS : Not listed

Catalogue of Specially Controlled Hazardous Chemicals : Not listed

List of Explosive Precursors : Not listed

#### Regulations on Labour Protection in Workplaces where Toxic Substances are Used

Catalogue of Highly Toxic Chemicals : Not listed

#### Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

China Severely Restricted Toxic Chemicals for Import and Export : Not listed

#### Regulation on the Administration of Precursor Chemicals

Catalogue and Classification of Precursor Chemicals : Not listed

#### Yangtze River Protection Law

This product does not contain any dangerous chemicals prohibited for inland river transport.

#### Regulations of Ozone Depleting Substances Management

List of Controlled Ozone Depleting Substances Import : Not listed

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version 7.0      Revision Date: 2025/04/14      SDS Number: 613532-00019      Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

---

and Export  
List of Controlled Ozone Depleting Substances : Not listed

### Environmental Protection Law

List of Priority Controlled Chemicals : Not listed  
List of Key Controlled New Pollutants : Not listed

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

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

---

## 16. OTHER INFORMATION

Revision Date : 2025/04/14

### 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 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.

Date format : yyyy/mm/dd

### 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 System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## Gonadorelin Formulation

Version  
7.0

Revision Date:  
2025/04/14

SDS Number:  
613532-00019

Date of last issue: 2024/09/28  
Date of first issue: 2016/04/27

---

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

### Disclaimer

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.

CN / EN