



# ***G-relin INJECTION***

## **Abbey Animal Health Pty Ltd SAFETY DATA SHEET**

### **Section 1- Identification of Product and Supplier**

**Supplier Company Details:** Abbey Animal Health Pty Ltd

**Address:** 16 Voyager Circuit, Glendenning NSW 2761, Australia

**Telephone Number:** 02 8088 0720

**Facsimile Number:** 02 8088 0721

**Emergency Number:** Australian Poisons Information Centre: 13 11 26 (24 Hour Service).

#### **PRODUCT NAME**

*G-relin INJECTION*

#### **PRODUCT USE**

For use in oestrus synchronisation programs in combination with PGF2 $\alpha$ . For the treatment of cystic ovaries, prevention of delayed ovulation and improvement of postpartum fertility in cattle.

### **Section 2- Hazards Identification**

#### **Statement of Hazardous Nature**

**This product is classified as:** Not classified as hazardous according to the criteria of SWA.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**GHS Signal word:** **NONE. Not hazardous.**

#### **PREVENTION**

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

#### **RESPONSE**

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

## STORAGE

P410: Protect from sunlight.

P411: Store at temperatures not exceeding 25°C (Air Conditioning).

P402+P404: Store in a dry place. Store in a closed container.

## DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

## Section 3- Composition / Information on Ingredients

### INGREDIENTS:

| Chemical Name             | CAS Number | Conc,%    |
|---------------------------|------------|-----------|
| Gonadorelin Acetate       | 51952-41-1 | 100 µg/mL |
| Non-hazardous ingredients | secret     | to 100    |

## Section 4- First Aid Measures

***Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.***

**Inhalation:** Remove to fresh air and keep patient at rest. Seek medical attention immediately.

**Skin contact:** Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.

**Eye contact:** Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.

**Ingestion:** Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.

## Section 5- Fire Fighting Measures

**Fire/Explosion Hazard:** Non-flammable. As a finely divided material, may form dust mixtures in air which could explode if subjected to an ignition source. Keep well away from heat and keep container closed when not in use.

**Hazardous Combustion Products:** Formation of toxic gases is possible during heating or fire.

**Extinguishing Media:** Use foam, dry chemical powder, carbon dioxide or water spray fire extinguishers. Use water sprays to cool fire exposed surfaces and any adjacent storage vessels. Equipment should be thoroughly decontaminated after use.

## Section 6 - Accidental Release Measures

**Accidental release:** This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, refer to product label for specific instructions. No special protective clothing is normally necessary because of this product. However, it is good practice to wear latex gloves when handling injectables. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

## Section 7 - Handling and Storage

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Storage:** This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Store below 30°C (Room Temperature). Use the contents of the vial within 28 days of initial broaching and discard any unused portion. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

## Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment.

Respiratory equipment: AS/NZS1715, Protective Gloves: AS2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

SWA Exposure Limits

TWA (mg/m<sup>3</sup>)

STEL (mg/m<sup>3</sup>)

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Ventilation:** This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

**Eye Protection:** Eye protection is not normally required under normal product. However, if in doubt, wear suitable protective glasses or goggles

**Skin Protection:** The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

**Protective Material Types:** We suggest that protective clothing be made from the following materials: Cotton, rubber, PVC.

**Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

## Section 9 - Physical and Chemical Properties

|                          |                      |
|--------------------------|----------------------|
| <b>Physical State:</b>   | Colourless solution. |
| <b>Boiling Point:</b>    | No data available    |
| <b>Vapour Pressure:</b>  | No data available    |
| <b>Odor:</b>             | No data available    |
| <b>Specific Gravity:</b> | No data available    |

## Section 10 - Stability and Reactivity

**Stability:** Product is stable under normal conditions of storage.

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions.

**Conditions to avoid:** Fine particles (such as dust and mists) may fuel fires/explosions.

**Hazardous Decomposition Products:** Thermal decomposition products may include carbon monoxide, carbon dioxide and other toxic vapors.

## Section 11 - Toxicological Information

**Acute Exposure: Women who are pregnant or planning pregnancy should not be exposed to this substance as it may cause abortion.**

Gonadorelin induces the release of 'Luteinizing Hormone', which causes ovulation and other effects on the gonads. Other symptoms include headache, gastrointestinal disturbances, increased menstrual bleeding and hot flushes.

**Gonadorelin Toxicity (general)** Rat LD50 IV >200mg/kg  
Rat LD50 SC >2000mg/kg  
Rat LD50 oral >3000mg/kg

**Gonadorelin Toxicity(reproductive)**

Rat TDLo between 0.54mg/kg and 54mg/kg

(Effects on female reproductive organs, live birth and viability indices, stillbirth rates, etc.)

**Chronic Exposure:** Impairs fertility of both men and women. It also causes abortion and changes in the production of sex hormones.

## Section 12 - Ecological Information

**Potential Environmental Considerations:** No environmental data exists for this product. However, avoid contamination of waterways.

## Section 13 - Disposal Considerations

### Disposal

Dispose of container by wrapping with paper and putting in garbage.

## Section 14 - Transport Information

No specific transport considerations apply since *G-relin INJECTION* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code.

## Section 15 - Regulatory Information

**Poisons Schedule:** S4

**APVMA Approval Number:** 92159

**Approved pack size:** 100mL, 20mL

*For more information please refer to the APVMA approved product label*

## Section 16 – Other Information

*Abbey Animal Health Pty Ltd*

*Telephone Number: 02 8088 0720*

*Facsimile Number: 02 8088 0721*

**Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).**

*This Safety Data Sheet (SDS) summarizes our best knowledge of the health and safety hazard information of the product according to the GHS requirements and how to safely handle and use the product in the workplace.*

*Each user must review this SDS in the context of how the product will be handled and used in the workplace.*

*If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*

**\*Note: This SDS is valid for 5 years from the effective date.**