

# SAFETY DATA SHEET

## Chorulon<sup>®</sup> 5000 IU



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### Section 1: Identification of the Substance and Supplier

<b>Product name</b>	<b>Chorulon 5000 IU</b> Solid containing gonadotrophin.
<b>Recommended use</b>	Source of luteinizing hormone for gonadogenesis by injection in horses, cattle, sheep, goat, pig, cat and dog.
<b>Company details</b>	<b>MSD Animal Health, 33 Whakatiki Street, Upper Hutt</b>  Phone: 0800 800 543 Fax: 0800 808 100 Website: <a href="http://www.msd-animal-health.co.nz">www.msd-animal-health.co.nz</a> Hours: 8 am – 5 pm, Mon – Fri
<b>Emergency telephone</b>	<b>0800 764 766 (0800 POISON) 24 hours human health</b> <b>0800 243 622 (0800 CHEMCALL) 24 hours</b>
<b>Date of preparation</b>	August 2011

### Section 2: Hazards Identification

<b>Hazard classifications</b>	6.8B
<b>Priority identifiers</b>	<b>WARNING</b>
<b>Secondary identifier</b>	6.8B Suspected of damaging fertility or the unborn child from repeated oral exposure
<b>Risk &amp; Safety Phrases</b>	R63 Possible risk of harm to the unborn child

### Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Human chorionic gonadotrophin	9002 – 61 – 3	5000 I.U.

### Section 4: First Aid Measures

<b>Necessary first aid measures</b>	<p><b>ACCIDENTAL SELF-INJECTION</b> Wash and disinfect self injection injuries. Seek medical advice – show this SDS.</p> <p><b>SKIN CONTACT</b> In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.</p> <p><b>EYE CONTACT</b> In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.</p> <p><b>INGESTION</b> Rinse mouth and drink a glass of water. If symptoms persist, consult a doctor.</p> <p><b>INHALATION</b> Remove to fresh air and provide oxygen if necessary. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.</p>
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<b>Required instructions</b>	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
<b>Notes for medical personnel</b>	Serum Gonadotrophin can influence fertility in humans.

### Section 5: Fire Fighting Measures

<b>Type of hazard</b>	Not classified as flammable.
<b>Fire hazard properties</b>	Not applicable.
<b>Regulatory requirements</b>	Not applicable.
<b>Extinguishing media and methods</b>	Carbon dioxide (CO <sub>2</sub> ), extinguishing powder or water spray.
<b>Hazchem code</b>	None allocated.
<b>Recommended protective clothing</b>	Wear self-contained breathing apparatus (SCBA) plus protective gloves.

### Section 6: Accidental Release Measures

<b>Emergency procedures</b>	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.
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### Section 7: Handling and Storage

<b>Precautions for safe handling</b>	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
<b>Regulatory requirements</b>	Not required
<b>Handling practices</b>	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
<b>Approved handlers</b>	Not required.
<b>Conditions for safe storage</b>	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children.
<b>Store site requirements</b>	Store below 25°C.
<b>Packaging</b>	Schedule 4

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### Section 8: Exposure Control/Personal Protection

<b>Workplace exposure standards</b>	No WES is set for this substance at this time.
<b>Application in the workplace</b>	Ensure adequate ventilation. Keep container sealed when not in use.
<b>Exposure standards outside the workplace</b>	No TEL is set for this substance at this time No EEL is set for this substance at this time
<b>Personal protection</b>	Wear chemical resistant gloves, facemask or goggles.

### Section 9: Physical and Chemical Properties

Appearance	White to almost white dry lump or powder (freeze-dried product) and clear colourless solution (diluent).
Boiling Point	100°C
Melting/Softening point	Not applicable
Vapour Pressure	Not determined
Specific Gravity	Not determined
Solubility (H <sub>2</sub> O)	Very Soluble
Percent Volatiles	Not determined
Evaporation Rate	Not determined

### Section 10: Stability and Reactivity

<b>Stability of the substance</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Avoid high temperatures.
<b>Material to avoid</b>	Avoid food products.
<b>Hazardous decomposition products</b>	May evolve toxic gases if heated to decomposition.

### Section 11: Toxicological Information

#### Acute effects for individual ingredients only

TEL	No TEL is set for this substance at this time.
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#### Chronic/long term effects for individual ingredients only

Human chorionic gonadotropin is known to increase fertility in women. The effect however is strongly dose dependent. HCG is a glycoprotein and is inactive if taken orally, however with glycoproteins there is always the risk of an anaphylactoid reaction from parenteral use.

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### Section 12: Environmental Information

#### Effects for individual ingredients only.

EEL No EEL is set for this substance at this time.

### Section 13: Disposal Considerations

#### Disposal information

##### Disposal

Dispose of unused contents in a suitable landfill.

##### Container Disposal

Dispose of empty container by burying in a suitable landfill, or recycle.

Current version of NZS 8409 Management of Agrichemicals

#### Reference

### Section 14: Transport Information

#### Relevant information

Not classified as a dangerous good for transport

### Section 15: Regulatory Information

#### Regulatory status

HSNO Approval Code: HSR002234.  
For a full listing of controls see [www.epa.govt.nz](http://www.epa.govt.nz)

ACVM registration number: A002377.  
For conditions of registration see [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz)

**RESTRICTED VETERINARY MEDICINE**

### Section 16: Other Information

#### Additional information

Chorulon is a registered trademark.

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