


SAFETY DATA SHEET

Estrumate®

Section 1: Identification of the Substance and Supplier

Product name	Estrumate
Recommended use	Veterinary endocrine (hormonal) agent
Company details	Schering-Plough Animal Health Ltd 33 Whakatiki Street, Upper Hutt 5018, New Zealand Phone: 0800 800 543 – Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	April 2019

Section 2: Hazards Identification

Hazard classifications	6.8A: Reproductive/Developmental toxicant 6.9A: Target organ systemic toxicant
GHS Pictogram:	
Signal word	Danger
Hazard statement	H360: May damage fertility or the unborn child from repeated oral exposure. H372: Causes damage to the nervous, cardiovascular, liver, blood and haematopoietic systems through prolonged or repeated oral exposure.
Prevention statement	P102: Keep out of the reach of children. P202: Do not handle until all safety precautions have been read and understood. P260: Do not breathe mist. P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P281: Use personal protective equipment as required.
Response statement	P308 + P313: IF exposed or concerned: Get medical advice/ attention. P314: Get medical advice/attention if you feel unwell.
Storage	P405: Store locked up.
Disposal	P501: Dispose of product, packaging and waste at an approved landfill or other approved facility.

Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Cloprostenol sodium	55028-72-3	0.0263%

Section 4: First Aid Measures

Necessary first aid measures

ACCIDENTAL SELF-INJECTION Obtain medical attention - show this SDS. Accidental self-injection may lead to an inflammatory response and medical advice should be sought on the management of deep injections, particularly those near a joint or associated with bruising. If possible the application of gentle squeezing pressure with absorbent material (e.g. facial tissues) at the injection site will swab up product. Strong squeezing of the site should be avoided. The damaged area should be thoroughly cleansed and a topical antiseptic applied.

SKIN CONTACT While wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

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.

INGESTION Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.

INHALATION 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.

Required instructions

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

Notes for medical personnel

Ingestion: don't induce vomiting if unconscious/drowsy. If within 15 minutes of ingestion, give no more than 2 glasses of water & 2 tablespoons syrup of ipecac to induce vomiting.

Inhalation: remove to fresh air & provide oxygen if breathing is difficult.

Accidental self-injection: Treat symptomatically. Contamination of the needle must be considered.

Note: risk of the risk of bronchospasm following accidental self injection or absorption following skin contact in people who have an asthmatic condition.

Workplace facilities

Emergency showers and eyewashes may be warranted depending on quantity and type of use.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Not applicable
Regulatory requirements	Not applicable
Extinguishing media and methods	Carbon dioxide (CO ₂), extinguishing powder or water spray
Hazchem code	Not applicable
Recommended protective clothing	Wear full protective clothing and self-contained breathing apparatus (SCBA).

Estrumate®**Section 6: Accidental Release Measures**

Personal Precautions	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental Precautions	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
Emergency procedures	Eliminate all ignition sources and naked lights. Use non-sparking utensils. Wear chemical resistant overalls and gloves, 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.

Section 7: Handling and Storage

Precautions for safe handling	Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
Regulatory requirements	An emergency response plan is required for quantities greater than 10,000L.
Handling practices	Keep containers adequately sealed during material transfer, transport, or when not in use.
Certified handlers	Not required.
Conditions for safe storage	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Store away from Class 5 (Oxidisers), foodstuffs, children and animals. Keep container sealed when not in use.
Store site requirements	Store in a cool, dry, well ventilated area.
Packaging	PG III

Section 8: Exposure Control/Personal Protection

Occupational exposure limits	No WES has been set for this substance at this time.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL or EEL have been set for this substance at this time.
Personal protection	Wear chemical resistant overalls and gloves, facemask or goggles.
Engineering controls	The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.

Estrumate®**Section 9: Physical and Chemical Properties**

Appearance	Clear, colourless solution
Boiling Point	Not determined
Melting/Softening point	Not determined
Vapour Pressure	Not determined
Specific Gravity	Approximately 1.0
Solubility (H ₂ O)	Soluble
Percent Volatiles	Not determined
Evaporation Rate	Not determined

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Open flames and high temperatures.
Material to avoid	Strong acids and bases. Oxidisers.
Hazardous decomposition products	Carbon oxides (CO _x)

Section 11: Toxicological Information**Acute effects for individual ingredients only**

ORAL	Cloprostenol: Oral LD50: 25 mg/kg (rats) Cloprostenol: The oral no effect level in rats and marmosets is 50 µg/kg/day and in hamsters 10 µg/kg/day.
TEL	No TEL is set for this substance at this time.

Chronic/long term effects for individual ingredient only

Cloprostenol: risk of the risk of bronchospasm following accidental self injection or absorption following skin contact in people who have an asthmatic condition [EPA NZ]

Section 12: Environmental Information**Effects for individual ingredient only**

AQUATIC	Not applicable
EEL	No EEL has been set for this substance at this time.

Section 13: Disposal Considerations

Disposal information	<p>Disposal Dispose of unused contents in a suitable landfill. Where possible, dispose of unused product through AgRecovery Chemicals. Avoid contamination of any water source or the environment with product or empty container.</p> <p>Container Disposal Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.</p> <p>Needle Disposal Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container.</p>
Reference	Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information	Not classified as a dangerous good for transport.
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Section 15: Regulatory Information

Regulatory status	HSNO Approval Code: HSR002169 For full listings of controls see www.epa.govt.nz ACVM Registration No: A002698 For conditions of registration see www.foodsafety.govt.nz
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RESTRICTED VETERINARY MEDICINE**Section 16: Other Information**

Additional information	Estrumate is a registered trademark.
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