SAFETY DATA SHEET

Ulti-Mate 1.1 g

Section 1: Identification of the Substance and Supplier

Product Name:	Ulti-Mate 1.1g
ACVM Registration Number	
Pack sizes:	Packs of ten inserts
Recommended Use	A progesterone insert for cattle that is used to treat post-partum anoestrus: control the oestrus cycle in maiden heifers and cows: and enable synchronisation for the concentrated artificial insemination and embryo collection and transfer programs
Company Details	Agilis Vet Limited 325 Pages Road Timaru New Zealand 0800 244 547 Website – www.agilis.nz
Emergency Telephone	National Poisons Centre 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111

Section 2: Hazard Identification

Classified as a hazardous substance according to the criteria in the Hazardous Substance (Minimum Degree of Hazard) Regulations 2001
Ulti- Mate is approved pursuant to the HSNO Act 1996. The EPA website www.epa.govt.nz should be consulted for the full list of the triggered controls and cited regulations

Hazard Classification	6.78 (carcinogen)
	6.88 (reproductive toxin)
Signal Word	WARNING
Hazard Statement	Suspected of causing cancer
	Suspected of damaging fertility of the unborn child from repeated oral exposure
Precautionary statements	Keep out of reach of children
	Read label before use
	Obtain special instructions before use
	Do not handle until all safety precautions have been read and understood
	Use personal protective equipment as required
	If exposed or concerned: get medical advice/attention
	Store locked up

Section 3: Composition/Information on ingredient

Product Components

Name	CAS number	Concentration
Progesterone	57-83-0	1.1 gm per insert (3 %)
Non-hazardous components	N/A	97%

Section 4: First Aid Measure

First Aid Measures	For advice contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor, immediately. Skin Contact: If skin contact occurs remove contaminated clothing and wash skin with soap and water. If skin irritation, rash or symptoms occur or persist, consult a doctor. Eyes: If eye contact occurs, flush eyes with water. If wearing contact lenses, remove only after initial rinse and continue rinsing. If irritation occurs or persists, consult a doctor. Ingestion: If swallowed seek medical attention. DO NOT induce vomiting. Inhalation: Remove to fresh air. If symptoms occur or persist, consult a doctor
Workplace Facilities	No special facilities are required
Required Instructions	Observe good work practices and avoid skin contact. Wash hands and exposed skin before meals and after use. Do not eat or drink while using.
Notes for Medical Personnel	Treat exposed patients symptomatically.

Section 5: Fire Fighting Measures

Type of hazard	Non-flammable
Fire Hazard Properties	May emit toxic fumes when exposed or heat or fire
Extinguishing Media and Methods	Water, dry chemical, carbon dioxide, or foam
Hazchem Code	Not applicable Recommended
Protective Clothing	Wear full protective clothing and self-contained breathing apparatus (SCBA)

Section 6: Accidental Release Measures

Emergency Procedures	Wear suitable protective clothing. Restrict access to contaminated area. Prevent further spillage. Retrieve intact containers from site. Place damaged containers into containment devices. Sweep spilled product and place in sealable containers for disposal. Wash the area with water and detergent. Absorb washings and place in the same sealable container for disposal. Avoid contamination of water courses or sewers. Dispose of waste safely.

Section 7: Handling and Storage

Precautions for Safe Handling	Wear protective gloves and clothing. Avoid contact with skin, eyes and mucous membranes.
Regulatory Requirements	Not applicable
Handling Practices:	When handling, use protective clothing and impervious gloves. Avoid skin contact. Wash hands and exposed skin thoroughly after handling and before meals. Do not eat, drink, or smoke while using this product.
Approved Handlers	Not required
Conditions for Safe Storage:	Store below 30°C. Store in the original container in a dry place, away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children. Secure this product when not in use so that it cannot be accessed by people who should not have access (store locked up).
Store Site Requirements	This product is subject to a requirement for an emergency response plan whenever it is held in quantities of 10,000kg or more (222,222 inserts). Signage is not required for this substance
Packaging	Store in original container, away from foodstuffs.

Section 8: Exposure Control and Personal Protection

Workplace Exposure Standards	None set
Application in the Workplace	Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent skin contact. When handling use protective clothing and impervious gloves. Avoid skin contact. Wash hands and exposed skin thoroughly after handling
Exposure Standards outside the workplace	None set
Engineering Controls	Ensure adequate ventilation
Personal Protection	Wear protective gloves and clothing. Do not eat, drink, or smoke when using this product. Wash hands with soap and water before breaks and after work. Keep away from foodstuffs and beverages.

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Section 9; Physical and Chemical Properties

Product Properties	Appearance	Solid, white, “T”-shaped device with plastic tail. Silicone moulded over a nylon spine
	pH	N/A
	Specific Gravity	N/A
	Vapour Pressure	N/A
	Solubility in water	N/A
	Boiling Point	N/A
	Melting Point	N/A

Section 10: Stability and Reactivity

Stability of the Substance	Stable under normal conditions of use and storage
Conditions to Avoid	No specific conditions to avoid
Material to Avoid	No specific materials to avoid
Hazardous Decomposition Properties	No significant quantities of decomposition products are expected, at temperatures normally achieved in a fire
Hazardous Polymerisation	Components are not expected to form hazardous polymers

Section 11: Toxicological Information

HSNO Classification	6.7B, 6.8B
Acute Effects (Individual (Active) Ingredient)	Rat Oral LD50 >5000mg/kg
Chronic / Long Term Effects (Individual (Active) Ingredient):	Reproductive / Developmental Toxicity Progesterone and progestational agents may produce virilisation of the foetus. Acne, oedema, weight gain, gastro-intestinal side-effects, gynaecomastia, headache and depression have occurred. There may be urticaria, pruritus vulvae, candidiasis, cramps and changes in libido, vaginal secretion and menstrual patterns with unpredictable bleeding. Alterations in liver function have been reported. Jaundice appears to be rare and is similar to that occurring in pregnancy. Carcinogenicity (Overall evaluation): Progestins are possibly carcinogenic to humans (Group 2B). Supplement 7: (1987) (p 289). [IARC]

Section 12: Environmental Information

HSNO Classification	Non-hazardous

Section 13: Disposal Considerations

Disposal Information	Preferably dispose of the product by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility. Avoid contamination of any water supply with product or empty container.

Section 14: Transport Information

Relevant Information	Not classified as dangerous goods for rail, air, or sea transport. There are no restrictions on carriage of this substance on public service vehicles

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Section 15 Regulatory Information

Regulatory Status	Registered pursuant to the ACVM Act 1997, No A10503 See www.foodsafety.govt.nz for registration conditions.
HSNO and ACVM Controls	Refer to section 2
List Exposure Limits	None set

An SDS must be provided whenever 3kg (67 inserts) of Ulti-Mates are sold or supplied. An emergency response plan is required when stored in quantities of 10,000kg or greater (222,222 inserts). Signage is not required for this substance.

Section 16: Other information

Additional Information: For product information see the Agilis's website: www.agilis.nz

Date of preparation: 16th of March 2023

Due for revision within 5 years.

This SDS summaries, at the date of issue, Agilis's best knowledge of the health and safety hazard information. Although reasonable care has been taken ion the preparations of this document. Agilis extends no warranties and makes no representing as to the accuracy or completeness of the information contained within and assumes no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Agilis urges the users of this SDS to study it carefully to become aware of and understand the hazards associated with the product as well as determine the suitability of the information for the intended purpose