

# SAFETY DATA SHEET

## PINKy<sup>®</sup>

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

Product name	<b>PINKy</b>
Recommended use	Intravaginal progesterone implant to assist controlled breeding in cattle
Company details	<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
Emergency telephone	<b>0800 764 766 (0800 POISON) 24 hours human health</b> <b>0800 243 622 (0800 CHEMCALL) 24 hours</b>
Date of preparation	September 2011

### Section 2: Hazards Identification

Hazard classifications	6.7B, 6.8B
Priority identifiers	<b>WARNING</b>
Secondary identifier	6.7B Suspected of causing cancer 6.8B Suspected of damaging fertility or the unborn child from repeated oral exposure
Risk & Safety Phrases	R63 Possible risk of harm to the unborn child

### Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Progesterone	57-83-0	1g per implant
Inert Silicone	63394-02-5	60 - 80%

### Section 4: First Aid Measures

#### Necessary first aid measures

**SKIN CONTACT** In case of 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** 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.

**INGESTION** Rinse mouth with water. DO NOT induce vomiting unless under the direction of a qualified medical professional or Poison Control Centre. If symptoms persist, consult a doctor.

**INHALATION** Remove to fresh air. 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.

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

### Section 5: Fire Fighting Measures

<b>Type of hazard</b>	Not classified as flammable.
<b>Fire hazard properties</b>	Formation of toxic gases is possible during heating or fire.
<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>	Not applicable
<b>Recommended protective clothing</b>	Wear full protective clothing and self-contained breathing apparatus (SCBA).

### Section 6: Accidental Release Measures

<b>Emergency procedures</b>	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Sweep 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>	Emergency Plan required where quantities greater than 10,000kg are present.
<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 30°C, in a secure place away from children and animals.
<b>Packaging</b>	Schedule 4

### Section 8: Exposure Control/Personal Protection

<b>Workplace exposure standards</b>	WES – not applicable
<b>Application in the workplace</b>	Ensure adequate ventilation. Keep container sealed when not in use.
<b>Exposure standards outside the workplace</b>	TEL – not applicable
<b>Personal protection</b>	Wear chemical resistant gloves, facemask or goggles.

### Section 9: Physical and Chemical Properties

Appearance	Pinky-white, opalescent, cross shaped implant with 14 holes. Vertical axis with three front and three rear ridges. One lateral branch with 3 ridges and one lateral arm without ridges. Rear axis has a hole which has a blue tail attached for extraction.
Boiling Point	Not applicable
Melting/Softening point	Not determined
Vapour Pressure	Not applicable
Specific Gravity	Not applicable
Solubility (H <sub>2</sub> O)	Not determined
Percent Volatiles	Not applicable
Evaporation Rate	Not applicable

### Section 10: Stability and Reactivity

<b>Stability of the substance</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Open flames and extremes of temperature.
<b>Material to avoid</b>	Avoid food products.
<b>Hazardous decomposition products</b>	No dangerous decomposition is expected if used according to manufacturer's specifications.

### Section 11: Toxicological Information

#### Acute effects for individual ingredients only

ORAL	LD50 >5000mg/kg (rat);
TEL	No TEL is set for this substance at this time.

## Chronic/long term effects for individual ingredients only

**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

#### Effects for individual ingredients only

EEL Not applicable

### Section 13: Disposal Considerations

<b>Disposal information</b>	<b>Disposal</b> Dispose of this product by burying in a suitable landfill.
<b>Reference</b>	Current version of NZS 8409 Management of Agrichemicals

### Section 14: Transport Information

**Relevant information** Not classified as a dangerous good for transport

### Section 15: Regulatory Information

<b>Regulatory status</b>	ACVM Registration No: A10480 For conditions of registration see <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a>
	HSNO Approval Code: HSR008034. For a full listing of controls see <a href="http://www.epa.govt.nz">www.epa.govt.nz</a>
<b>HSNO and ACVM controls</b>	<b>Emergency Plan:</b> 10,000kg

### Section 16: Other Information

**Additional information** PINKy is a registered trademark

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