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**MATERIAL SAFETY DATA SHEET**

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**Section 1: IDENTIFICATION of CHEMICAL PRODUCT and COMPANY**

<b>Product Name:</b>	<b>Synqwell Altrenogest for Horses</b>
<b>Product Code:</b>	503555 (250 mL), 503560 (2 L)
<b>Recommended Use:</b>	<ol style="list-style-type: none"><li>1. For regulation and control of the breeding cycle of mares.</li><li>2. For the maintenance of pregnancy in habitually aborting mares, or mares at risk of early embryonic death or abortion, where progesterone deficiency is thought to be the underlying cause.</li></ol>
<b>Company Identification:</b>	Jurox Pty Limited
<b>Address:</b>	85 Gardiner Road Rutherford NSW 2320 Australia
<b>Customer Centre:</b>	1800 023 312
<b>National Poisons Information Centre:</b>	131 126 (Australia-wide)
<b>Emergency Telephone Number:</b>	1800 023 312 (Monday – Friday, 9.00 a.m. – 5.00 p.m.)

**Section 2: HAZARDS IDENTIFICATION**

<b>Hazard Classifications:</b>	<p><b>Considered a Hazardous Substance according to the criteria of NOHSC Australia.</b></p> <p><b>Not considered a Dangerous Good according to the criteria of the Australian Dangerous Goods (ADG) Code.</b></p> <p><b>GHS Classification:</b> Eye damage / eye irritation: Category 2A Skin sensitisation: Category 1 Toxic to reproduction: Category 2</p>
<b>Poisons Schedule:</b>	S4
<b>Risk phrases:</b>	Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child.
<b>Safety phrases:</b>	Keep out of reach of children. Read label and safety data sheet (especially Sections 7 and 11) before use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Wear eye protection/face protection/protective gloves. Use personal protective equipment as required. Avoid breathing vapours. Contaminated work clothing should not be allowed out of the workplace. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Specific treatment (see Section 4). Wash contaminated clothing before reuse. Dispose of contents/container in accordance with regional environmental regulations.

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**Section 3: COMPOSITION / INFORMATION on INGREDIENTS**

INGREDIENT	CAS No.	CONTENT
Altrenogest	850-52-2	0.22%
Benzyl alcohol	100-51-6	5 - 10%
Phenols and derivatives		< 1%
Other ingredients determined not to be hazardous		> 80%

**Section 4: FIRST AID MEASURES**

- First Aid Measures:** Contains altrenogest, which is a synthetic progesterone.
- If exposed or concerned, get medical advice/attention. Consult the National Poisons Centre on 131126 or a doctor immediately in every case of suspected poisoning or if you feel unwell. If medical advice is needed, have product container or label at hand.
- Inhalation:** Unlikely to present an inhalation hazard under normal conditions of use.
- Ingestion:** May be harmful if swallowed. Contains altrenogest, which is a synthetic progesterone. Suspected of damaging fertility (in both males and females) or the unborn child. Do not induce vomiting. Seek medical advice immediately. Show this MSDS to a medical practitioner.
- Skin:** May produce mild irritation or an allergic skin reaction. Remove all contaminated clothing. Wash well with soap and water. Seek medical advice. Show this MSDS to a medical practitioner.
- Altrenogest may be absorbed via the skin. (Refer to ingestion).
- Eye:** May seriously irritate the eyes. Irrigate with plenty of water for at least 15 minutes. Seek medical advice. Show this MSDS to a medical practitioner.
- Altrenogest may be absorbed via the eye. (Refer to ingestion).
- Chronic:** Pregnant women and others of child bearing age should exercise extreme caution when handling the product. Acute effects are possible after a single exposure but are more likely with continued daily exposure. Acute effects include disruption of the menstrual cycle, uterine or abdominal cramping, increased or decreased uterine bleeding and headaches.
- Advice to Doctor:** Contains altrenogest, which is a synthetic progesterone (progestational agent or progestin). Treat symptomatically.

**Section 5: FIRE FIGHTING MEASURES**

- Flash Point:** Not flammable.
- Hazardous Combustion Products:** May give off toxic or irritant fumes.
- Extinguishing Media:** Use extinguishing media appropriate for the surrounding area.
- Protective Equipment:** Gas-tight chemical resistant suit, protective gloves and breathing apparatus.
- HAZCHEM Code:** None specified

**Section 6: ACCIDENTAL RELEASE MEASURES**

- Spills and Disposal:** Avoid contact with skin and eyes. Wear appropriate protective clothing, hand, eye and face protection. For small spills, wipe up, then wash area well with excess water. Due to the nature of the packaging, large spills are unlikely to occur. In the event of a large spill, exclude non-essential people from the area. Contain spill and absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Dispose of waste safely in an approved landfill.

<b>Protective Clothing:</b>	For appropriate personal protective equipment see section 8.
<b>Environmental Precautions:</b>	Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority.

## Section 7: HANDLING AND STORAGE

<b>Handling:</b>	<p>This is a Schedule 4 (Prescription Animal Remedy) product, available only to or through a veterinarian. Keep out of reach of children. Avoid contact with skin and eyes. Use personal protective equipment as required.</p> <p>Avoid handling the product in cases of:-</p> <ul style="list-style-type: none"><li>▪ Pregnancy or possibly pregnancy</li><li>▪ Thrombophlebitis; thromboembolic disorders; or history thereof</li><li>▪ Cerebral-vascular or coronary artery disease</li><li>▪ Known or suspected carcinoma of the breast</li><li>▪ Known or oestrogen dependent neoplasia</li><li>▪ Undiagnosed vaginal bleeding</li><li>▪ Benign or malignant tumour developed during the use of oral contraceptives or other oestrogen containing products</li><li>▪ Liver dysfunction or disease</li></ul>
<b>Storage:</b>	Keep out of reach of children. Store below 30°C, under secure conditions appropriate to local requirements for this class of drug.
<b>Other Information:</b>	Always read the label before use.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Limits:</b>	Exposure limits have not been set for this product. Do not handle until all safety precautions have been read and understood.
<b>Protective Equipment:</b>	When using the product, use personal protective equipment as required. The following are recommended:- safety glasses; overalls which can be washed or disposed of; at least two layers of non-porous rubber or vinyl gloves.
<b>Engineering Controls:</b>	Handle in a well ventilated area.
<b>Hygiene Precautions:</b>	As for good veterinary and farm practice. Immediate hand washing is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear solution
<b>Specific Gravity:</b>	N/A
<b>Solubility in Water:</b>	N/A
<b>Flash Point:</b>	Not flammable.
<b>pH:</b>	N/A

## Section 10: STABILITY AND REACTIVITY

<b>Stability:</b>	When stored appropriately this product should show no significant degradation for at least 12 months from the date of manufacture.
<b>Hazardous Polymerisation:</b>	Not known to occur.
<b>Materials to Avoid:</b>	None known.

**Section 11: TOXICOLOGICAL INFORMATION**

<b>Inhalation:</b>	Not known to be acutely toxic by inhalation.
<b>Ingestion:</b>	Not known to be acutely toxic by ingestion.
	<b>Altrenogest</b> LD <sub>50</sub> (rat) = 175-177 mg/kg.
<b>Skin:</b>	May produce mild irritation or an allergic skin reaction.
<b>Eye:</b>	May seriously irritate the eyes.
<b>Chronic Effects:</b>	Repeated or prolonged exposure by the oral or dermal routes may produce effects on fertility (in both males and females) or the unborn child (see Reproductive Toxicity).
<b>Reproductive Toxicity:</b>	Suspected human reproductive or developmental toxicant. Pregnant women and others of child bearing age should exercise extreme caution when handling the product. Acute effects are possible after a single exposure but are more likely with continued daily exposure. Acute effects include disruption of the menstrual cycle, uterine or abdominal cramping, increased or decreased uterine bleeding and headaches. Effects on male fertility (i.e. suppression of testosterone) have been demonstrated in animal studies.
<b>Mutagenicity:</b>	Not known to be mutagenic.
<b>Carcinogenicity:</b>	Not known to be carcinogenic.

**Section 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	May cause adverse effects in the soil environment.
	<b>Alcohols and derivatives:</b> Soil DT <sub>50</sub> > 30 days.
	Not known to bioaccumulate or persist.

**Section 13: DISPOSAL INFORMATION**

<b>Product Disposal:</b>	Use according to label and/or dispose in accordance with regional environmental regulations.
<b>Container Disposal:</b>	Dispose of empty container by wrapping with paper and placing in garbage or dispose in accordance with regional environmental regulations.

**Section 14: TRANSPORT INFORMATION**

<b>Dangerous Goods Classification:</b>	Not classed as a Dangerous Good for transport purposes by road, sea or air.
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**Section 15: REGULATORY INFORMATION**

**APVMA Registration No:** 62064

**Section 16: OTHER INFORMATION**

This information is based on data believed by Jurox Pty Limited to be accurate at the time of writing but is subject to change without notice. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness otherwise and no assumption of liability from howsoever arising is made by Jurox Pty Limited by reason of the provision of this information. Every person dealing with the materials referred to herein does so at his/her own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.