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**SAFETY DATA SHEET**

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

<b>Product Name:</b>	<b>Ropel Liquid Testosterone</b>
<b>Product Code:</b>	50450 (200 mL)
<b>Recommended Use:</b>	For the prevention and treatment of external preputial ulceration and sheath rot in wethers.
<b>Company Identification:</b>	Jurox Pty Limited
<b>Address:</b>	85 Gardiner Street Rutherford NSW 2320 Australia
<b>Email:</b>	customerservice@jurox.com.au
<b>Customer Centre:</b>	1800 023 312
<b>National Poisons Information Centre:</b>	131126 (Australia-wide)
<b>Emergency Telephone Number:</b>	1800 023 312 (9a.m. – 5p.m.)

**Section 2: HAZARDS IDENTIFICATION**

<b>GHS Hazard Classifications:</b>	<b>Reproductive Toxicity Category 1B</b>
<b>GHS Pictogram:</b>	
	
<b>Health hazard</b>	
<b>Signal Word:*</b>	<b>Danger</b>
<b>Hazard Statements:*</b>	H360 May damage fertility or the unborn child.
<b>Precautionary Statements:*</b>	<b>Prevention</b> P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P281 Use personal protective equipment as required. <b>Response</b> P308+P313 If exposed or concerned: Get medical advice/attention. <b>Storage</b> Store locked up. <b>Disposal</b> P501 Dispose of contents/container in accordance with local/national regulations.

\* N.B.: These statements are determined by Work Health and Safety regulations and may not reflect Signal Headings and First Aid and Safety statements on product labelling, which are determined by a competent authority during assessment for registration.

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

INGREDIENT	CAS No.	CONTENT
Testosterone	315-37-7	7.5%
Vegetable oils	68956-68-3	>60%

**Section 4: FIRST AID MEASURES**

<b>First Aid Measures:</b>	Consult the National Poisons Centre on 131126 or a doctor immediately in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If medical advice/attention is needed, have product container or label at hand.
<b>Inhalation:</b>	If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually not necessary.
<b>Ingestion:</b>	If swallowed, immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
<b>Skin:</b>	If skin contact occurs, immediately remove all contaminated clothing, including footwear. Wash affected area thoroughly with plenty of soap and water. If skin irritation or rash occurs, get medical advice/attention.
<b>Eye:</b>	If eye contact occurs, rinse cautiously with water for at least 20 minutes. If eye irritation persists, get medical advice/attention.
<b>Injection:</b>	Treat as for needle-stick injury. Wash area well and disinfect. If other symptoms are evident, seek medical advice.
<b>Advice to Doctor:</b>	Contains testosterone. Treat symptomatically.

**Section 5: FIRE FIGHTING MEASURES**

<b>Flash Point:</b>	Non-flammable, combustible.
<b>Hazardous Combustion Products:</b>	If involved in a fire, may emit noxious fumes. Non-combustible – not considered to be a significant fire risk.
<b>Extinguishing Media:</b>	There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.
<b>Protective Equipment:</b>	Protective gloves and boots and breathing apparatus.
<b>HAZCHEM Code:</b>	None specified.

**Section 6: ACCIDENTAL RELEASE MEASURES**

<b>Spills and Disposal:</b>	Slippery when spilt. Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and sweep up / absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Ventilate area and wash spill site after pick-up complete. Dispose of waste safely.
<b>Protective Clothing:</b>	For appropriate personal protective equipment see section 8.
<b>Environmental Precautions:</b>	If contamination of drains and waterways occurs, advise Emergency Services.

**Section 7: HANDLING AND STORAGE**

<b>Handling:</b>	Avoid all personal contact, including inhalation. Use personal protective equipment as required.
<b>Storage:</b>	Ropel Liquid Testosterone is a Scheduled Poison (S4) and therefore must be stored and maintained in accordance with the relevant State Poisons Act. Store in original container, away from foodstuffs. Store below 25°C (air temperature). Protect from light. Keep out of reach of children.

continued

**Other Information:** Always read the label before use. See label for further information on handling and storage.

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

This SDS describes personal protective measures relating to long term industrial and manufacturing exposure and emergency situations, such as accidents and spills. See product label for personal protective measures during normal use of the marketed product.

**Exposure Limits:** No exposure limits have been assigned for this product. Do not handle until all safety precautions have been read and understood.

**Protective Equipment:** Safety glasses with eye side shields or chemical goggles. Chemical protective gloves, e.g. PVC. Safety footwear or safety gumboots, e.g. rubber.

**Engineering Controls:** Handle in a well ventilated area.

**Hygiene Precautions:** Do not drink, eat or smoke when handling this product. Wash hands after use.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Pale yellow liquid.	<b>Vapour Pressure:</b>	No data.
<b>Odour:</b>	Odourless.	<b>Vapour density:</b>	No data.
<b>Odour threshold:</b>	No data.	<b>Relative density:</b>	Not applicable.
<b>pH:</b>	No data.	<b>Specific Gravity:</b>	Approx. 0.90.
<b>Melting Point:</b>	Not applicable.	<b>Solubility in Water:</b>	Insoluble.
<b>Boiling Point:</b>	No data.	<b>Partition coefficient:</b>	No data.
<b>Flash Point:</b>	>200°C (vegetable oils).	<b>Auto-ignition temperature:</b>	No data.
<b>Evaporation Rate:</b>	No data.	<b>Decomposition temperature:</b>	Not applicable.
<b>Flammability:</b>	Non-flammable	<b>Viscosity:</b>	No data.
<b>Upper flammability limits:</b>	No data.		
<b>Lower flammability limits:</b>	No data.		

### Section 10: STABILITY AND REACTIVITY

**Stability:** When stored appropriately this product should show no significant degradation for at least 18 months from the date of manufacture.

**Hazardous Polymerisation:** Not known to occur.

**Materials to Avoid:** None known.

**Section 11: TOXICOLOGICAL INFORMATION**

<b>Inhalation:</b>	Not normally a hazard due to the non-volatile nature of the product.
<b>Ingestion:</b>	Harmful if swallowed.  Testosterone: (oral) LD <sub>50</sub> : 1000 mg/kg (rat)
<b>Skin:</b>	Not classified as a skin sensitiser.
<b>Eye:</b>	Not classified an eye irritant.
<b>Injection:</b>	Effects will vary in severity according to the quantity involved, from localised site reaction (pain, redness, swelling), to acute systemic reaction.  Testosterone: (intraperitoneal) LD <sub>50</sub> : 755 mg/kg (rat)
<b>Chronic Effects:</b>	Prolonged or repeated exposure may cause the development of male characteristics in females. Has anabolic effects.
<b>Reproductive Toxicity:</b>	Studies in humans have shown that androgens cause masculinization of the external genitalia of the female foetus. The degree of masculinization is dose related.
<b>Mutagenicity:</b>	Not known to be mutagenic.
<b>Carcinogenicity:</b>	Not known to be carcinogenic.

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Testosterone is very toxic to aquatic organisms.

<b>Ingredient</b>	<b>Persistence: Water/Soil</b>	<b>Persistence: Air</b>	<b>Bioaccumulation</b>	<b>Mobility</b>
Testosterone	HIGH	No data available	LOW	LOW
Vegetable oils	No data available	No data available	No data available	No data available

**Section 13: DISPOSAL INFORMATION**

<b>Product Disposal:</b>	Dispose of product only by using according to label or by approved waste collection.
<b>Container Disposal:</b>	Wrap with paper and place in garbage.

**Section 14: TRANSPORT INFORMATION**

<b>Dangerous Goods Classification:</b>	Not classified as a Dangerous Good according to the criteria of the Australian Dangerous Goods (ADG) Code.
<b>HAZCHEM Code:</b>	None specified

**Section 15: REGULATORY INFORMATION**

<b>Poisons Schedule:</b>	S4
<b>APVMA Registration No:</b>	38228

**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.

**Legend**

**CAS No.** means a unique number assigned to a chemical by the Chemical Abstracts Service.

**GHS** means the 'Globally Harmonized System of Classification and Labelling of Chemicals, 3<sup>rd</sup> Revised Edition', published by the United Nations.

**LD<sub>50</sub>** means the median lethal dose, which represents the single dose of a substance that can be expected to cause death in 50% of animals.

**PVC** means Polyvinyl chloride.

**References**

ChemID PlusLite, <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>, entry for Testosterone enanthate (RN: 315-37-7).

Hazardous Substances Data Bank (HSDB), <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>, entry for TESTOSTERONE (CASRN: 58-22-0).

**This version issued:** 04 July 2017 and is valid for 5 years from this date.

**Supersedes:** This SDS supersedes the version issued on 29 June 2012.

**Revision History:**

Date of Revision	Reason
29 June 2012	Updated the format as per the Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals, December 2011, published by Safe Work Australia.
04 July 2017	Five year update. New email address.

**END OF SDS**