

---

**MATERIAL SAFETY DATA SHEET**

---

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

<b>Product Name:</b>	<b>Ensal Enteric Mixture</b>
<b>Product Code:</b>	60280 (120mL)
<b>Recommended Use:</b>	For the oral treatment of bacterial infections of the gastro-intestinal tract in cats and dogs.
<b>Company Identification:</b>	Jurox Pty Limited
<b>Address:</b>	85 Gardiner Street Rutherford NSW 2320 Australia
<b>Customer Centre:</b>	1800 023 312
<b>National Poisons Information Centre:</b>	131126 (Australia-wide)
<b>Emergency Telephone Number:</b>	1800 023 312 (Monday – Friday, 9.00a.m. – 5.00p.m.)

**Section 2: HAZARDS IDENTIFICATION**

<b>Hazard Classifications:</b>	<b>Considered a Hazardous Substance according to the criteria of NOHSC Australia.</b>  <b>Not considered a Dangerous Good according to the criteria of the Australian Dangerous Goods (ADG) Code.</b>
<b>Poisons Schedule:</b>	S4
<b>Risk phrases:</b>	Danger of cumulative effects May produce discomfort of the eyes * Limited evidence of a carcinogenic effect * Possible respiratory sensitiser * May affect fertility * May possibly be harmful to the foetus/embryo * (* limited evidence)
<b>Safety phrases:</b>	Keep out of reach of children Read label before use Do not breathe gas/fumes/vapour/spray Avoid contact with skin Avoid contact with eyes Wear eye/face protection Avoid exposure – obtain special instructions before use

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

INGREDIENT	CAS No.	CONTENT
Kaolin	1332-58-7	10%
Phthalylsulfathiazole	85-73-4	5%
Calcium gluconate	299-28-5	2%
Potassium gluconate	299-27-4	1%
Monosodium glutamate	142-47-2	0.5%
Hyoscine methobromide	155-41-9	0.02%
Water	7732-18-5	81.48%

---

**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 unnecessary.
<b>Ingestion:</b>	Immediately give a glass of water. First aid is not generally required. May be irritating to the gastro-intestinal tract. In large quantities, may lead to nausea, headache and vomiting. If in doubt, contact a Poisons Information Centre or a doctor.
<b>Skin:</b>	If skin or hair contact occurs flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
<b>Eye:</b>	If eye contact occurs, rinse cautiously with water for at least 15 minutes. Continue rinsing. If eye irritation persists, get medical advice/attention.
<b>Chronic:</b>	Due to the presence of phthalylsulphathiazole, repeated or prolonged exposure may lead to sensitisation reactions.
<b>Advice to Doctor:</b>	Contains phthalylsulphathiazole, which is a sulphonamide. Treat symptomatically.

**Section 5: FIRE FIGHTING MEASURES**

<b>Flash Point:</b>	Not flammable
<b>Hazardous Combustion Products:</b>	In severe fire may give off toxic or irritant fumes.
<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>	Wear breathing apparatus plus protective gloves for fire only.
<b>HAZCHEM Code:</b>	None

**Section 6: ACCIDENTAL RELEASE MEASURES**

<b>Spills and Disposal:</b>	For small spills, wipe area, scrub with detergent and warm water, and wash to drain with excess water. Due to the nature of the packaging, large spills are unlikely to occur. In the event of a large spill, wear appropriate protective clothing and 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 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**

- Handling:** This is a Schedule 4 (Prescription Animal Remedy) product, available only to or through a veterinarian. Handle this product with care to avoid exposure, taking all recommended precautions. Avoid contact with skin and eyes. Wash hands after use. Use other personal protective equipment as required.
- Storage:** Keep out of reach of children. Store below 25°C (Air conditioning) in a dry place. Store away from foodstuffs.
- Other Information:** Always read the label before use.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Limits:** No exposure limits have been assigned for this product, even though this material may produce adverse health effects (as evidenced in animal experiments or clinical experience). Airborne concentrations must be maintained as low as is practically possible and occupational exposure must be kept to a minimum.
- Protective Equipment:** Protective gloves eg PVC and eyewear eg safety glasses with side shields or chemical goggles.
- Engineering Controls:** Not applicable for normal use. Handle bulk product in a well-ventilated area.
- Hygiene Precautions:** As for good veterinary and farm practice.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Viscous off-white suspension
- Specific Gravity:** 1.13 - 1.60
- Solubility in Water:** Miscible
- Flash Point:** Not flammable
- pH:** 4.5 – 5.5

## Section 10: STABILITY AND REACTIVITY

- Stability:** When stored appropriately this product should show no significant degradation for at least 24 months from the date of manufacture.
- Hazardous Polymerisation:** Not known to occur.
- Materials to Avoid:** Not applicable.

## Section 11: TOXICOLOGICAL INFORMATION

- Inhalation:** Not normally a hazard due to non-volatile nature of product.
- Ingestion:** The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence. The material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g. liver, kidney) damage is evident.
- Hyoscine Methobromide LD<sub>50</sub> (subcutaneous, rat) : 2750mg/kg
- Skin:** The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
- Eye:** There is some evidence to suggest that this material can cause eye irritation and damage in some persons.
- Chronic Effects:** Allergic reactions, possibly serious in sensitised individuals.

**Reproductive Toxicity:** There is some evidence from animal testing that exposure to this material may result in reduced fertility.

**Mutagenicity:** Not known to be mutagenic.

**Carcinogenicity:** On the basis of limited epidemiological or animal data, it has been concluded that prolonged inhalation of the material, in an occupational setting, may increase the risk of cancer in humans.

### Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Harmful in the soil and aquatic environments. Do not discharge into sewer or waterways.

### Section 13: DISPOSAL INFORMATION

**Product Disposal:** Dispose of product only by using according to label or by approved waste collection.

**Container Disposal:** Wrap with paper and place in garbage. For bulk product containers, refer to the relevant Waste Management Authority.

### Section 14: TRANSPORT INFORMATION

**Dangerous Goods Classification:** Not classed as a Dangerous Good for transport purposes by road, sea or air.

### Section 15: REGULATORY INFORMATION

**APVMA Registration No:** 36286.

### 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.