

SAFETY DATA SHEET**Section 1: IDENTIFICATION of CHEMICAL PRODUCT and COMPANY**

Product Name:	Prednoderm Ointment
Product Code:	60550 (100g), 503830 (200g), 60560 (250g), 60570 (6 x 15g)
Recommended Use:	An anti-inflammatory/anti-bacterial agent for use in dogs, cats and horses.
Company Identification:	Jurox Pty Limited
Address:	85 Gardiner Street Rutherford NSW 2320 Australia
Email:	customerservice@jurox.com.au
Customer Centre:	1800 023 312
National Poisons Information Centre:	13 1126 (Australia-wide)
Emergency Telephone Number:	1800 023 312 (Monday – Friday, 9a.m. – 5p.m.)

Section 2: HAZARDS IDENTIFICATION

Hazard Classifications:	Considered a Hazardous Substance according to the criteria of GHS.
	Not considered a Dangerous Good according to the criteria of the Australian Dangerous Goods (ADG) Code.

GHS Hazard Classification:*

GHS Category	Hazard code	Hazard Statement
Respiratory Sensitizer Category 1*	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.*
Reproductive Toxicity Category 1B	H360	May damage fertility or the unborn child.
Acute Aquatic Hazard Category 3	H402	Harmful to aquatic life.

*LIMITED EVIDENCE

GHS Pictogram:

Health hazard

Signal Word:* **DANGER****Precautionary Statements:*****Prevention**

- P201 Obtain special instructions before use.
- P261 Avoid breathing dust.
- P281 Use personal protective equipment as required
- P285 In case of inadequate ventilation wear respiratory protection.
- P273 Avoid release to the environment.

Response

- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P308+P313 IF exposed or concerned: Get medical advice.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.

Storage

- P405 Store locked up.

Disposal
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
Cod liver oil	8001-69-2	10%
Chlorophyll	479-61-8	2%
Neomycin sulfate	1405-10-3	0.5%
Prednisolone	50-24-8	0.25%
Nitrofurazone	59-87-0	0.2%
Paraffin oils	8012-95-1	>60%
Other non-hazardous ingredients	-	10-<30%

Section 4: FIRST AID MEASURES

- General information:** Consult the National Poisons Centre on 13 1126 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.
- Inhalation:** If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually not necessary.
- Ingestion:** 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.
- Skin:** 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.
- Eye:** If eye contact occurs, rinse cautiously with water for at least 20 minutes. If eye irritation persists, get medical advice/attention.
- Advice to Doctor:** Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

- Flash Point:** Not flammable.
- Hazardous Combustion Products:** If involved in a fire may emit noxious fumes. Non-combustible – not considered to be a significant fire risk.
- Extinguishing Media:** Foam, Dry chemical powder, Carbon dioxide, water spray or fog – Large fires only.
- Protective Equipment:** Protective gloves and boots and breathing apparatus.
- Special Hazards:** **Fire Incompatibility:** Avoid contamination with oxidising agents.
- HAZCHEM:** None specified.

Section 6: ACCIDENTAL RELEASE MEASURES

- Spills and Disposal:** Slippery when spilt. Remove all ignition sources. Wear appropriate protective clothing. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Exclude non-essential people from the area. Contain spill and sweep or vacuum up and place in a sealable waste container. Ventilate area and wash spill site after pick-up complete. Dispose of waste safely.

Protective Clothing:	For appropriate personal protective equipment see section 8.
Environmental Precautions:	If contamination of drains and waterways occurs, advise Emergency Services.

Section 7: HANDLING AND STORAGE

Handling:	Avoid all personal contact, including inhalation. Use personal protective equipment as required.
Storage:	Prednoderem Ointment 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 30°C (room temperature). Keep out of reach of children.
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

Appearance:	Dark green ointment.	Lower flammability limits:	Not applicable.
Odour:	No data.	Vapour Pressure:	Not applicable.
Odour threshold:	No data.	Vapour density:	Not applicable.
pH:	Not applicable.	Relative density:	No data.
Melting Point:	No data.	Specific Gravity:	Not applicable.
Boiling Point:	No data.	Solubility in Water:	Immiscible.
Flash Point:	160°C (paraffin oils)	Partition coefficient:	Not applicable.
Evaporation Rate:	No data.	Auto-ignition temperature:	No data.
Flammability:	Not applicable.	Decomposition temperature:	Not applicable.
Upper flammability limits:	Not applicable.	Viscosity:	Thick.

Section 10: STABILITY AND REACTIVITY

Stability:	When stored appropriately this product should show no significant degradation within the expiry period shown on the labelling.
Hazardous Polymerisation:	Not known to occur.
Materials to Avoid:	None known.

Section 11: TOXICOLOGICAL INFORMATION

- Acute Toxicity:** **Inhalation:** Not normally a hazard due to the non-volatile nature of the product. Due to the presence of Neomycin sulfate, may cause sensitisation in certain individuals.
- Ingestion:** The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". However based on limited evidence, may cause severe allergic reactions that can be life-threatening in neomycin-sensitive individuals.
- Prednisolone: LD₅₀ (oral) 1680mg/kg (mouse).
 Neomycin sulfate: LD₅₀ (oral): >8000 mg/kg (mouse).
 Nitrofurazone: LD₅₀ (oral): 590 mg/kg (rat).
- Skin Irritation/Corrosion:** Skin irritant. Due to the presence of neomycin can cause inflammation of the skin on contact in some persons.
- Serious Eye Damage/Irritation:** Eye irritant. Conjunctivitis may occur with prolonged exposure.
- Respiratory or Skin sensitisation:** Based on limited evidence, the mixture is classified as Respiratory Sensitizer Category 1- May cause allergy or asthma symptoms or breathing difficulties if inhaled. There is limited evidence to suggest that skin contact with this product is more likely to cause a sensitisation reaction in some persons compared to the general population.
- Mutagenicity:** No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be mutagenic.
- Carcinogenicity:** No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be carcinogenic.
- Reproductive Toxicity:** Based on available data for ingredients, the mixture is classified as Reproductive Toxicity Category 1B - May damage fertility or the unborn child. Long term exposure to this material can cause reduced fertility and developmental disorders.
- STOT – Single Exposure:** No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after single exposure.
- STOT - Repeated Exposure:** No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after repeated exposure but long term exposure to aminoglycoside antibiotics can damage the kidneys.

Section 12: ECOLOGICAL INFORMATION

- Ecotoxicity:** Based on available data for the ingredients, the mixture is classified as harmful to aquatic life - Acute Aquatic Hazard Category 3. DO NOT discharge into sewer or waterways.

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Cod liver oil	No data available	No data available	No data available	No data available
Chlorophyll	No data available	No data available	Low	No data available
Neomycin sulfate	No data available	No data available	No data available	No data available
Prednisolone	High	High	Low	Low
Nitrofurazone	High	High	Low	Low
Paraffin oils	No data available	No data available	No data available	No data available

Section 13: DISPOSAL INFORMATION

- Product Disposal:** Dispose of product only by using according to APVMA approved label or by approved waste collection.
- Container Disposal:** Wrap with paper and place in garbage.

Section 14: TRANSPORT INFORMATION

Dangerous Goods Classification: Not classified as a Dangerous Good according to the criteria of the Australian Dangerous Goods (ADG) Code.

Section 15: REGULATORY INFORMATION

Poisons Schedule: S4

APVMA Registration No: 36186

ACIS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredients: Neomycin sulfate, Prednisolone, Nitrofurazone are mentioned in SUSMP.

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:

ADG	Australian Code for the Transport of Dangerous Goods by Road & Rail, 7 th Edition.
AICS	Australian Inventory of Chemical Substances.
APVMA	Australian Pesticides and Veterinary Medicines Authority.
CAS No.	Chemical Abstracts Service Registry Number.
GHS	Globally Harmonized System of Classification and Labelling of Chemicals.
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters.
LD₅₀	The median lethal dose, being a statistically derived single dose of a substance that can be expected to cause death in 50% of animals.
NICNAS	National Industrial Chemicals Notification and Assessment Scheme.
PPE	Personal Protective Equipment.
PVC	Polyvinyl Chloride.
SDS	Safety Data Sheet.
STOT	Specific Target Organ Toxicity.
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons.

References:

ChemID PlusLite, <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>, entry for Neomycin sulfate (RN: 1405-10-3), Prednisolone (RN: 50-24-8) and Nitrofurazone (RN: 59-87-0).

HSDB <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB> entry for NEOMYCIN (CASRN: 1404-04-2), PREDNISOLONE (CASRN: 50-24-8) and NITROFURAZONE (CASRN: 59-87-0).

Environmental Protection Authority (New Zealand), HSNO Chemical Classification and Information Database (CCID), entry for Nitrofurazone (Cas Number 59-87-0).

This version issued: 20 July 2017 and is valid for 5 years from this date.

Supersedes: This SDS supersedes the version issued on 13 August 2012.

Revision History:

Date of Revision	Reason
20 July 2017	Updates to section 1, 2, 3, 4, 5, 6, 10, 11, 12, 13 & 15; Updates to Legend and addition of Revision History in Section 16.

END OF SDS