

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

Product Name:	Decort 20 Oily Injection
Product Identifier:	20 mg/mL Deoxycortone acetate
Product Code:	50080 (10 mL)
Recommended Use:	Injection for sodium and water retention in dogs, cats and horses.
Company Identification:	Jurox Pty Limited
Address:	85 Gardiner Street Rutherford NSW 2320 Australia
Customer Centre:	1800 023 312
Email:	customerservice@jurox.com.au
National Poisons Information Centre:	131126 (Australia-wide, 24 hours)
Emergency Telephone Number:	1800 023 312 (9am – 5pm, Monday to Friday)

Section 2: HAZARDS IDENTIFICATION

GHS Hazard Classifications: This product has been assessed according to GHS and is classified as follows:

GHS Category	Hazard code	Hazard Statement
Skin Sensitizer Category 1*	H317	May cause an allergic skin reaction.*
Carcinogenicity Category 2	H351	Suspected of causing cancer.

* Limited Evidence

GHS Label Elements:

Signal Word: WARNING

GHS Pictograms:



Exclamation mark



Health hazard

Precautionary Statements:

Prevention

- P201** Obtain special instructions before use.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.
P261 Avoid breathing mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.

Response

- P308+P313** IF exposed or concerned: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Storage

- P405** Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local regulations.

N.B.: The above 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
Deoxycortone acetate	56-47-3	2%
Other ingredients determined to be not hazardous		>90%

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 this SDS, product container or label at hand.
- Inhalation:** Is unlikely to present an inhalation problem. If respiratory symptoms do occur, remove patient to fresh air. Lay patient down and keep warm and rested. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. If breathing is difficult, give oxygen. Seek medical assistance immediately.
- Ingestion:** If swallowed, DO NOT induce vomiting. Rinse mouth. Keep subject warm and at rest. For advice, contact a doctor or the National Poisons Centre on 13 1126.
- Skin:** If skin contact occurs, wash affected area thoroughly with plenty of soap and water for at least 20 minutes. If skin irritation or rash occurs, get medical advice/attention.
- Eye:** If eye contact occurs, rinse cautiously with water for at least 20 minutes. Continue rinsing. If eye irritation persists, get medical advice.
- Chronic:** Prolonged or repeated exposure may result in disturbance of electrolyte balance, oedema, cardiac necrosis and cardiac failure.
- Injection:** Effects will vary in severity according to the quantity involved, from localised site reaction (pain, redness and swelling), to acute systemic reactions. Treat as for needle stick injury. Wash the wound thoroughly with soap and water or use a waterless cleanser or antiseptic if water is unavailable. Apply a dressing as necessary, and apply pressure through the dressing if bleeding is still occurring. Do not squeeze or rub the injury site. Dispose of the needle in a suitable sharps container and seek medical advice/attention if concerned.
- Recommended First Aid Facilities:** Ready access to running water and soap is required. Accessible eyewash is required.
- Advice to Doctor:** Contains deoxycortone acetate (Syn. desoxycorticosterone acetate or DOCA), a corticosteroid which has largely mineralocorticoid effects. Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

- Flash Point:** Not flammable. Not combustible.
- Hazardous Combustion Products:** If involved in a fire may emit toxic and corrosive fumes.
- Extinguishing Media:** There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.
- Protective Equipment:** Protective gloves and boots and breathing apparatus
- HAZCHEM Code:** Not Applicable.

Section 6: ACCIDENTAL RELEASE MEASURES

- Spills and Disposal:** Slippery when spilt. Wear appropriate protective clothing. Avoid breathing vapours and contact with skin and eyes. For small spills, wash area well with excess water. For large spills, 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.
- Protective Clothing:** For appropriate personal protective equipment see section 8.
- Environmental Precautions:** Prevent from entering drains, waterways or sewers. If contamination of drains and waterways occurs, advise 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, eyes and inhalation of vapours. Take care to avoid accidental self-injection. Use personal protective equipment as required. Do not eat, drink or smoke while handling product.
- Storage:** Keep out of reach of children. Store below 30°C (room temperature). Protect from light. Store away from foodstuffs.
- 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.
- Engineering Controls:** Use only in a well-ventilated area.
- Protective Equipment (PPE):**
- Eye Protection: Protective glasses or goggles are recommended when handling bulk quantities of this product.
- Skin Protection: When handling bulk product, prevent skin contact by wearing chemical protective gloves e.g. PVC.
- Respiratory Protection: Not required for the normal use of this product.
- Hygiene Precautions:** Do not drink, eat or smoke when handling this product. Wash hands after use.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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|--------------------------|------------------------|--|----------------------|
| Appearance: | Yellow, oily solution. | Upper flammability limits: | Not applicable. |
| Odour: | Not available. | Lower flammability limits: | Not applicable. |
| Odour threshold: | Not available. | Vapour Pressure: | Not available. |
| pH: | Not available. | Vapour density: | Not available. |
| Melting Point: | Not available. | Relative density/
Specific gravity: | 0.94 – 0.96. |
| Boiling Point: | Not available. | Solubility in Water: | Miscible with water. |
| Flash Point: | Not flammable. | Partition coefficient: | Not applicable. |
| Evaporation Rate: | Not available. | | |
| Flammability: | Not applicable. | | |

Auto-ignition temperature: Not available.

Viscosity: Not available.

Decomposition temperature: Not available.

Section 10: STABILITY AND REACTIVITY

Reactivity: This product is unlikely to react or polymerise under normal storage conditions.

Chemical Stability: When stored appropriately this product should show no significant degradation within the expiry period shown on the label.

Conditions to Avoid: Extreme temperatures.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: Decomposition may produce toxic fumes of carbon dioxide, acrolein, nitrogen oxides

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity
Inhalation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the inhalation route. Not normally a hazard due to non-volatile nature of product.

Ingestion: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the oral route.

Injection: No data for the mixture is available.

Skin Corrosion / Irritation: May cause skin discomfort. Topically applied corticosteroids may be absorbed in sufficient quantity to produce systemic effects. Application to the skin may result in collagen loss and subcutaneous atrophy and local bleaching of deeply pigmented skin.

Serious Eye Damage / Irritation: May cause eye irritation.

Respiratory or Skin Sensitisation: Based on limited data available for the ingredients, the mixture is classified as Skin Sensitizer Category 1 - May cause an allergic skin reaction. There is limited evidence that, skin contact with this product is more likely to cause a sensitisation reaction in some persons compared to the general population.

Germ Cell Mutagenicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be mutagenic.

Carcinogenicity: Based on available data for the ingredients, the mixture is classified as Category 2 Carcinogen – Suspected of causing cancer. There is limited evidence that desoxycortone acetate can cause cancer (Reference: PubChem).

Reproductive Toxicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a reproductive toxicant.

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 single exposure. However chronic exposure to glucocorticoids can lead to changes in hormone production, a characteristic "moon face" appearance and a "lemon with matchsticks" fat distribution (central obesity with wasting of limbs), susceptibility to infections, osteoporosis, cataracts, glaucoma, mental disturbance, high blood sugar and sugar in the urine. There may be muscular weakness and fatigue, acne, period disturbances in women and peptic ulcers, disturbance of electrolyte balance, oedema, cardiac necrosis and cardiac failure.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not known to be ecotoxic.

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Desoxycortone acetate	HIGH	HIGH	LOW	LOW

Section 13: DISPOSAL INFORMATION

Product Disposal: Dispose of product only by using according to label or at an approved landfill.

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.

HAZCHEM Code: None specified.

Section 15: REGULATORY INFORMATION

Poisons Schedule: S4

APVMA Registration No: 47780

Section 16: OTHER INFORMATION**Legend:**

ADG	Australian Code for the Transport of Dangerous Goods by Road & Rail, 7 th Edition.
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.
PPE	Personal Protective Equipment.
PVC	Polyvinyl Chloride.
SDS	Safety Data Sheet.
STOT	Specific Target Organ Toxicity.

References

ChemIDPLus, entry for Desoxycorticosterone (RN: 64-85-7).

PubChem: Desoxycorticosterone

This version issued: 29 November 2017 and is valid for 5 years from this date.

Supersedes: This SDS supersedes the version issued on 05 December 2012.

Revision History:

Date of Revision	Reason
29 November 2017	Updates to section 1, 2, 3, 4, 6, 8, 10 & 11; Updates to Legend and addition of Revision History in Section 16.

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 do 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.

END OF SDS