

ISSUED: 08 October 2013

SAFETY DATA SHEET

Section 1: IDENTIFICATION of CHEMICAL PRODUCT and COMPANY

Product Name: Maxalac DC Dry Cow Intramammary Antibiotic

Product Code: 504190 (200 x 3g syringes)

Recommended Use: For sustained, broad spectrum control of and protection against mastitis-causing bacteria (including penicillin-resistant strains) in non-lactating dairy cattle.

Company Identification: Jurox Pty Limited

Address: 85 Gardiner Street
Rutherford NSW 2320
Australia

Customer Centre: 1800 02 3312

National Poisons Information Centre: 13 1126 (Australia-wide)

Emergency Telephone Number: 1800 02 3312 (Monday – Friday, 9.00 a.m. – 5.00 p.m).

Section 2: HAZARDS IDENTIFICATION

GHS Hazard Classifications: Not considered a Hazardous Substance according to GHS criteria. [However, cephalonium dihydrate is a potential sensitiser by inhalation or skin contact].

GHS Pictograms: Not applicable

Signal Word: Not applicable

Hazard Statements: Not applicable

Precautionary Statements: Not applicable

Section 3: COMPOSITION / INFORMATION on INGREDIENTS

INGREDIENT	CAS No.	CONTENT
Cephalonium dihydrate	5575-21-3	8.99 %
Other non hazardous ingredients		91.01%

Section 4: FIRST AID MEASURES

First Aid Measures:	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.
Inhalation:	Sensitive individuals may exhibit allergic reactions, possibly life-threatening. If suspected, 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:	Sensitive individuals may exhibit allergic reactions, possibly life-threatening. If swallowed, DO NOT induce vomiting. Rinse mouth. Keep subject warm and at rest. Seek medical advice, or contact the National Poisons Centre on 131126.
Skin:	May cause skin rashes in sensitised persons. If skin contact occurs, wash affected area thoroughly with plenty of soap and water for at least 15 minutes. If skin irritation or rash occurs, get medical advice. Remove and wash / dispose of contaminated clothing promptly.
Eye:	If eye contact occurs, rinse cautiously with water for at least 20 minutes. Continue rinsing. If eye irritation persists, get medical advice.
Chronic:	May cause allergic reactions, possibly serious in sensitised individuals.
Advice to Doctor:	Treat as an overdose of, or sensitivity to, cephalosporin antibiotics.

Section 5: FIRE FIGHTING MEASURES

Flash Point:	Combustible.
Hazardous Combustion Products:	In severe fire cephalonium dihydrate may give off carbon oxides, nitrogen oxides and sulfur oxides.
Extinguishing Media:	There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for 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:	Wipe up spill with absorbent material and place in sealed labelled containers. Due to the nature of the packaging, large spills are unlikely to occur. In the event of a large spill, 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 in an approved landfill or refer to the relevant Land Waste Management Authority.
Protective Clothing:	For appropriate personal protective equipment see section 8.
Environmental Precautions:	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. Avoid swallowing, inhaling, and contact with skin and eyes. For handling bulk product, see Section 8.
- Storage:** Keep out of reach of children. Store below 30°C, under secure conditions appropriate to local requirements for this class of drug.
- Other Information:** Always read the label before use.

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:** Not applicable for normal use. No exposure limits have been assigned for this product. Do not handle until all safety precautions have been read and understood. Due to the small volumes involved, and the methods of administration, exposure under normal conditions of use would likely be limited to splashing on to skin or in to eyes.
- Protective Equipment:** For handling bulk product, wear protective gloves/clothing and eye/face protection.
- 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:** White to cream coloured suspension
- Specific Gravity:** Not applicable
- Solubility in Water:** Non-soluble
- Flash Point:** Not determined. Combustible.
- pH:** Not applicable

Section 10: STABILITY AND REACTIVITY

- Stability:** When stored appropriately this product should show no significant degradation within the expiry period shown on the label.
- Hazardous Polymerisation:** Not known to occur.
- Materials to Avoid:** Avoid oxidising agents.

Section 11: TOXICOLOGICAL INFORMATION

Inhalation:	REMARK: Cephalonium dihydrate is a cephalosporin and the most important adverse reaction is hypersensitivity.
Ingestion:	REMARK: Cephalonium dihydrate is a cephalosporin and the most important adverse reaction is hypersensitivity. Ingestion of cephalosporins may cause gastrointestinal discomfort. Data for cephalonium: LD ₅₀ (oral): >2750 mg/kg (rat). (Ref: VSDB database)
Skin:	REMARK: Cephalonium dihydrate is a cephalosporin and the most important adverse reaction is hypersensitivity.
Eye:	REMARK: Cephalonium dihydrate is a cephalosporin and the most important adverse reaction is hypersensitivity.
Chronic Effects:	Allergic reactions, possibly serious in sensitized individuals.
Reproductive Toxicity:	Not known to have effects on reproduction.
Mutagenicity:	Not known to be mutagenic.
Carcinogenicity:	Not known to be carcinogenic.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not known to be ecotoxic. No data available on cephalonium dehydrate (Ref: VSDB database)
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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.

Section 14: TRANSPORT INFORMATION

Dangerous Goods Classification:	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: 67479

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.

This SDS is prepared in the format prescribed in the Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals, December 2011, published by Safe Work Australia.

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, 3rd Revised Edition*', published by the United Nations.

LD₅₀ 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 CEPHALONIUM (RN: 5575-21-3).

VSDB (Veterinary Substances Database), <http://sitem.herts.ac.uk/aeru/vsdb/>, entry for CEPHALONIUM

END OF SDS