

## Section 1 - Identification of Chemical Product and Company

Norbrook NZ Ltd  
KPMG Centre, 18 Viaduct Harbour Ave  
Auckland, New Zealand

Freecall: 0800 224 022

**Trade Name:** Cloxamp DC 500

**Product Use:** For the prevention of mastitis in cattle caused by bacteria sensitive to cloxacillin and/or ampicillin.

**This version issued:** March, 2025 and is valid for 5 years from this date.

**National Poisons Centre:** Phone 0800 764 766 from anywhere in New Zealand

## Section 2 - Hazards Identification

| Hazard Class       | Hazard Category | Hazard statement code | Hazard Statement                    |
|--------------------|-----------------|-----------------------|-------------------------------------|
| Skin sensitisation | Category 1      | H317                  | May cause an allergic skin reaction |

**Signal word** Warning

**GHS Pictogram**



### Precautionary statements:

#### Prevention

P261: Avoid breathing mist.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves.

#### Response

P321: See first aid instruction on the label.  
P302 + P352: IF ON SKIN: Wash with plenty of water.  
P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.  
P362 + P364: Take off contaminated clothing and wash it before reuse.

#### Disposal

P501: Dispose of product, packaging and waste at an approved landfill or equivalent facility.

## Section 3 - Composition/Information on Ingredients

| Ingredients            | CAS No     | Concentration |
|------------------------|------------|---------------|
| Cloxacillin benzathine | 23736-58-5 | 111.1 g/kg    |
| Ampicillin trihydrate  | 7177-48-2  | 55.5 g/kg     |
| Other ingredients      | secret     | balance       |

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## Section 4 - First Aid Measures

**General Information:** For advice contact the National Poisons Centre 0800 POISON (0800 764 766) in New Zealand and is available at all times. Have this SDS and product label with you when you call. Get medical attention if you feel unwell.

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

**Skin Contact:** Wash with plenty of water or until chemical is removed. If skin irritation or rash occurs: Get medical attention.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; rinse mouth with water. If symptoms develop, or if in doubt Call a POISON CENTER or doctor.

## Section 5 - Fire Fighting Measures

**Flash point:** No data

**Fire and Explosion Hazards:** The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

**Fire Fighting Equipment:** Use self-contained breathing apparatus and full protective clothing.

**Extinguishing Media:** Use extinguishing media suited to burning materials.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

## Section 6 - Accidental Release Measures

**Personal Precautions:** Use appropriate protective clothing. Wear protective gloves.

**Environmental Precautions:** Prevent spilled material from entering water ways.

**Methods and Materials for Containment and Cleaning up:**

**Minor spills:** Clean up and absorb spills with inert material and place in waste containers, labelled for disposal. Contain in a secure location until disposal method is established. Dispose of waste safely.

**Major spills:** Prevent spillage from entering drains or water ways and call emergency services.

## Section 7 - Handling and Storage

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Avoid breathing mist. Wear protective gloves. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash it before reuse.

Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed.

The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Certified handler:** Not required

**Tracking:** Not required

**Storage:** Store below 25°C, in a dry well ventilated area, out of direct sunlight. Check packaging, there may be further storage instructions on the label.

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## Section 8 - Exposure Controls and Personal Protection

### Occupational exposure limits:

#### SWA Exposure Limits

#### TWA (mg/m<sup>3</sup>)

#### STEL (mg/m<sup>3</sup>)

Exposure limits have not been established for any of the significant ingredients in this product.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

**Engineering Controls:** Handle in accordance with good industrial hygiene and safety practice. Make sure that the work environment remains clean and that mists are minimised. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash it before reuse.

**Ventilation:** Use in a well-ventilated area.

**Eye Protection:** Wear safety goggles. Maintain eye wash facilities in work areas.

**Skin Protection:** Wear appropriate protective gloves when handling this product.

**Protective Material Types:** Protective clothing be made from rubber or PVC.

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

## Section 9 - Physical and Chemical Properties

|                                                      |                                         |
|------------------------------------------------------|-----------------------------------------|
| <b>Physical Description &amp; Colour:</b>            | An oily white to off-white suspension   |
| <b>Odour:</b>                                        | No data                                 |
| <b>Odour Threshold:</b>                              | No data                                 |
| <b>pH:</b>                                           | No data                                 |
| <b>Melting point/Freezing point:</b>                 | No data. Liquid at normal temperatures. |
| <b>Initial boiling point and boiling range:</b>      | No data                                 |
| <b>Flash point:</b>                                  | No data                                 |
| <b>Flammability (solid, gas):</b>                    | No data                                 |
| <b>Upper/Lower flammability or explosive limits:</b> | No data                                 |
| <b>Vapour pressure:</b>                              | No data                                 |
| <b>Vapour density:</b>                               | No data                                 |
| <b>Relative density:</b>                             | 0.926                                   |
| <b>Solubility (ies):</b>                             | No data                                 |
| <b>Partition coefficient: n-octanol/water:</b>       | No data                                 |
| <b>Auto-ignition temperature:</b>                    | No data                                 |
| <b>Decomposition temperature:</b>                    | No data                                 |
| <b>Kinematic viscosity:</b>                          | No data                                 |
| <b>Particle characteristics:</b>                     | No data                                 |

## Section 10 - Stability and Reactivity

**Reactivity:** No data related to reactivity available for this product or its ingredients. However, if you have any doubts, contact the supplier for advice on shelf life properties.

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**Conditions to Avoid:** Store below 25°C. Protect this product from light.

**Incompatibilities:** No information available.

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. In the event of fire: see section 5.

## Section 11 - Toxicological Information

### Data for ingredients

**Acute toxicity:** No data

**Skin corrosion/irritation:** **Ampicillin trihydrate:**  
Skin Irrit. 2  
Classification description:  
H315: Causes skin irritation.  
Classification key study:  
Skin Irritation  
R-PHRASE: R38. [<https://www.sigmaaldrich.com/cgi-bin/hsrun/Suite7/Suite/HAHTpage/Suite.HsViewHierarchy.run>]

**Serious eye damage/eye irritation:** **Ampicillin trihydrate:**  
Eye Irrit. 2  
Classification description:  
H319: Causes serious eye irritation.  
Classification key study:  
Eye Irritation  
R-PHRASE: R36. [<https://www.sigmaaldrich.com/cgi-bin/hsrun/Suite7/Suite/HAHTpage/Suite.HsViewHierarchy.run>]

**Respiratory or skin sensitisation:** **Cloxacillin benzathine:**  
Resp. Sens. 1  
Classification description:  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Classification key study:  
Respiratory Sensitisation  
REMARK: It is a penicillin and the most important adverse reaction is hypersensitivity.

**Cloxacillin benzathine:**  
Skin Sens. 1  
Classification description:  
H317: May cause an allergic skin reaction.  
Classification key study:  
Contact Sensitisation  
REMARK: It is a penicillin and the most important adverse reaction is hypersensitivity.

**Ampicillin trihydrate:**  
Res. Sens. 1  
Classification description:  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Classification key study:  
Respiratory Sensitisation  
R-PHRASE: R42. [<https://www.sigmaaldrich.com/cgi-bin/hsrun/Suite7/Suite/HAHTpage/Suite.HsViewHierarchy.run>]

**Ampicillin trihydrate:**

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Skin Sens. 1  
Classification description:  
H317: May cause an allergic skin reaction.  
Classification key study:  
Contact Sensitisation  
R-PHASE: R43. [<https://www.sigmaaldrich.com/cgi-bin/hsrun/Suite7/Suite/HAHTpage/Suite.HsViewHierarchy.run>]

**Germ cell mutagenicity:** No data  
**Carcinogenicity:** No data  
**Reproductive toxicity:** No data  
**Specific target organ toxicity-single exposure:** No data  
**Specific target organ toxicity-repeated exposure:** No data  
**Aspiration hazard:** No data

## Section 12 - Ecological Information

**Aquatic:** No data  
**Terrestrial:** No data  
**Persistence and degradability:** No data  
**Bioaccumulative:** No data  
**Mobility in soil:** No data

## Section 13 - Disposal Considerations

**Disposal:** Dispose of product, packaging and waste at an approved landfill or equivalent facility.

## Section 14 - Transport Information

**UN Number:** Not applicable  
**UN Proper Shipping Name:** Not applicable  
**UN Dangerous Goods Class:** Not applicable  
**UN Packaging Group:** Not applicable  
**Environmental Hazards:** Not applicable  
**Special Precautions When Transporting The Substance:** Not applicable

## Section 15 - Regulatory Information

**HSNO Approval number:** Veterinary Medicines (Limited Pack Size, Finished Dose) Group Standard 2020, HSR100757  
**ACVM number:** A008038

## Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

### SAFETY DATA SHEET

**Acronyms:**

|                    |                                            |
|--------------------|--------------------------------------------|
| <b>CAS number:</b> | Chemical Abstracts Service Registry Number |
| <b>GHS:</b>        | Globally Harmonized System                 |
| <b>HSNO:</b>       | Hazardous Substances and New Organisms Act |
| <b>UN Number:</b>  | United Nations Number                      |
| <b>SWA:</b>        | Safe Work Australia                        |
| <b>TWA:</b>        | Time Weighted Average                      |
| <b>STEL:</b>       | Short Term Exposure Limit                  |

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

**SAFETY DATA SHEET**