



# Material Safety Data Sheet

## AUROFAC D

P0005 Name: Aurolfac D 5 kg

### SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Aurolfac D  
**Manufacturer's Product Code:** **MNP000501**  
**Other Names:** None  
**Recommended Use:** Additive for stockfeed  
**Company:** BEC Feed Solutions Pty Ltd A.C.N. 010 345 150  
**Address:** 50 & 66 Antimony Street, Carole Park QLD 4300  
 PO Box 475, Goodna QLD 4300  
**Phone:** (07) 3723 9800  
**Emergency Phone Number:** Office Hours: (07) 3723 9800 After Hours: 0428 520 038

### SECTION 2 HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of NOHSC.  
 Non-dangerous goods according to the criteria of the ADG Code.

**Risk Phrases:** R33 Danger of cumulative effects  
 R63 Possible risk of harm to the unborn child  
**Safety Phrases:** S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S36 Wear suitable protective clothing  
 S37 Wear suitable gloves

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### Ingredients:

Chemical Entity	Common Name	CAS Number	Proportion
Chlortetracycline	Aurolfac 200	57-62-5	1 – < 10%
Other ingredients determined not to be hazardous at their concentrations in this product			to 100%

### SECTION 4 FIRST AID MEASURES

**Swallowed:** Remove any material in the mouth. Do not induce vomiting. Give a glass of water. Seek medical advice if symptoms develop or persist.

**Eye:** Hold eyes open and flood with water for at least 15 minutes. Seek medical advice if adverse effects develop or persist. Only skilled personnel should remove contact lenses after an eye injury.

**Skin:** Remove any contaminated clothing and wash skin thoroughly with soap and water. Seek medical advice if symptoms develop or persist.

**Inhaled:** Remove from source of product and apply artificial respiration if not breathing. Ensure that patient is comfortable. If symptoms develop or persist, seek medical advice.

**First Aid Facilities:** Potable water should be available to rinse eyes or skin. Eye bath should be available and ready for use.

**Advice to Doctor:** Treat symptomatically.

**Additional Information:** For advice, contact a Poisons Information Centre  
(phone Australia 13 1126, New Zealand 0800 764 766) or a doctor.

## SECTION 5 FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use extinguishing media suitable for surrounding fire conditions.

**Hazards from Combustion Products:** Exposure to high heat sources may cause decomposition of the product and the release of irritating fumes.

**Special Protective Precautions and Equipment for Fire Fighters:** Wear protective clothing and self-contained breathing apparatus.

**Additional Information:** Not relevant.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:** Remove unnecessary personnel from the area. Avoid raising dust as far as is practicable. Clean-up crew should wear protective overalls, gloves, fully enclosed footwear, goggles/glasses, and dust mask.

**Methods and Materials for Containment and Clean Up Procedures:** Collect spill using a broom and shovel or similar tools and store in sound containers for subsequent disposal. Avoid contamination of streams, watercourses and sewers.

## SECTION 7 HANDLING AND STORAGE

**Precautions for Safe Handling:** Ensure containers are clearly labelled, of a type suitable for the product, and are clean and free of other materials. Use clean and dry equipment to dispense the product. Avoid contact with eyes and skin. Avoid breathing dust. Do not eat, drink or smoke in work areas. Wash hands and face thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

**Conditions for Safe Storage:** When not being used, product containers should be kept sealed and stored in a cool, dry place.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**National Exposure Standards:** No exposure standards have been found for this product. There is a blanket limit of 10 mg/m<sup>3</sup> for nuisance dusts.

**Biological Limit Values:** No biological limit allocated.

**Engineering Control Measures:** Ensure adequate ventilation is provided. Avoid dust generation.

**Personal Protective Equipment:** Use sensible work practices that reduce operator exposure to the product. Protective equipment must be worn, including dust mask, impermeable gloves & goggles.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Light grey powder		
<b>Odour:</b>	Bland	<b>pH:</b>	Not relevant
<b>Vapour Pressure:</b>	Not relevant	<b>Vapour Density:</b>	Not measured
<b>Boiling Point:</b>	Not measured	<b>Melting Point:</b>	Not measured
<b>Solubility in Water:</b>	Not measured	<b>Specific Gravity:</b>	Not measured
<b>Flash Point:</b>	Not measured	<b>Ignition Temperature:</b>	Not measured
<b>Upper and Lower Flammable (Explosive) Limits in Air:</b>		Not measured	

## SECTION 10 STABILITY AND REACTIVITY

**Chemical Stability:** Product is stable under normal ambient temperature conditions.

**Conditions to Avoid:** Do not store near high heat sources.

**Incompatible Materials:** Acids and strong oxidising agents.

**Hazardous Decomposition Products:** Not available.

**Hazardous Reactions:** Not available.

## SECTION 11 TOXICOLOGICAL INFORMATION

The product is a mixture of ingredients and has not been tested for health effects as a whole. Data has been collected on the health effects of the ingredients. The toxicological information estimates the combined health effects taking into account the relative proportions of each ingredient.

### Acute Health Effects

**Swallowed:** May be harmful if swallowed in quantities above normal therapeutic doses; irritating to mucous membranes; may cause gastric discomfort or upset; may cause irritation or damage to liver.

**Eye:** May cause irritation of the eyes.

**Skin:** Irritating to skin; may cause sensitisation, including photosensitisation, in some individuals; may be absorbed directly through the skin.

**Inhaled:** Irritating to upper respiratory system, and mucous membranes of the nose and throat; chlortetracycline may be absorbed through the lungs.

### Chronic Health Effects

Chronic health effects stated for listed ingredients – Chlortetracycline: repeated exposure may cause sensitisation and allergy; can accumulate in the liver, spleen, bones and in the enamel layer of the teeth; exposure to chlortetracycline may cause harm to the unborn or breast feeding child, causing a brown discoloration to the tooth enamel or even damage to the enamel-forming tissues; animal data indicates a potential for endocrine disruption and liver damage; adverse reproductive effects reported in mice.

### Summary of Toxicity Data

Toxicity information for listed ingredients of this product:

Chlortetracycline: LD<sub>50</sub> (oral, mouse) 1,500 mg/kg

## SECTION 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.

**Persistence/degradability:** Not available.

**Mobility:** Not available.

## SECTION 13 DISPOSAL CONSIDERATIONS

**Disposal Methods:** Unwanted material should be disposed of in an approved chemical dump.

**Special Precautions for Landfill or Incineration:** Not available.

## SECTION 14 TRANSPORT INFORMATION

**UN Number:** Not relevant

**Class:** Not relevant

**Packing Group:** Not relevant

**Special Precautions for User:** Not available

**Proper Shipping Name:** Not relevant

**Subsidiary Risk:** Not relevant

**Hazchem Code:** Not relevant

## SECTION 15 REGULATORY INFORMATION

**Poisons Schedule:** S4

**APVMA Registration:** Not relevant

## SECTION 16 OTHER INFORMATION

The information supplied on this Material Safety Data Sheet has been compiled from information available to our company at the time of preparation. It is, to the best of our knowledge, up to date and accurate. No warranty express or implied is given.

<i>PREPARED BY: W Killin</i>	<i>ISSUED: 18<sup>th</sup> March 2008</i>
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