



# Product Safety Data Sheet

## ANIVIT 4BC

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Anivit 4BC  
**Product Code** XVD 629  
**Supplier** Animalcare Ltd,  
Common Road,  
Dunnington,  
York, YO19 5RU,  
Telephone No. +44 (0) 1904 487687  
Fax No. +44 (0) 1904 487611  
E-Mail: animalcare@animalcare.co.uk.  
Emergency Telephone +44 (0) 1904 487687 (daytime)

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### 2. COMPOSITION / INFORMATION ON COMPONENTS

**Substance/Preparation:** Preparation  
**Active Ingredients:** Thiamine Hydrochloride (Vitamin B1)  
Riboflavin Sodium Phosphate (Vitamin B2)  
Pyridoxine Hydrochloride (Vitamin B6)  
Nicotinamide  
Ascorbic Acid (Vitamin C)  
Chlorocresol (as preservative)  
**Description:** Treatment for vitamin deficiency

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### 3. HAZARDS IDENTIFICATION

**Physical and Chemical Hazards:** Not classified as dangerous under EC Directives 67/548/EEC, 88/379/EEC or 99/45/EC.  
**Environmental Hazards:** None known  
**Adverse Human Health Effects:** There are no known adverse effects of exposure to Anivit 4BC Injection.

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### 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If any signs or symptoms occur or persist seek medical advice  
**Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.  
**Eyes Contact:** Immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

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Ingestion: Do not induce vomiting. Seek medical attention.

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### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Use carbon dioxide, dry chemical or alcohol-resistant foam spray extinguishers. Use water spray to cool fire-exposed containers. A fine water mist may be used to smother or to disperse vapours.

**Fire and explosion hazards:** None.

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Provide good ventilation. Prevent skin and eye contact.

**Environmental Precautions:** Keep away from drains, surface-water, ground-water and soil.

**Method for Clean-up:** Absorb small spills on spill pillows, sand, sawdust or other suitable absorbing material.

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### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin or clothing. Do not breathe vapours or mist. Do not ingest. Do not smoke or eat while handling the product. Wash thoroughly after handling. The containers should be stored in their original boxes when not in use.

**Storage:** Store in closed containers in a cool, dry, well-ventilated area, below 25°C and away from oxidisers, heat, sparks and open flame. Protect containers from physical damage and light.

Keep container closed when not in use. Do not transfer contents to unlabelled containers. Use only with adequate ventilation.  
Keep out of reach of children.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Occupational Exposure Standard

Mixed components Not Established

For pure components:

Thiamine hydrochloride LD50 (Oral, mouse) >10,000 mg/kg

Riboflavin sodium phosphate LD50 (Oral, mouse) >40,000 mg/kg

(Oral, rat) >20,000 mg/kg

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Pyridoxine hydrochloride	LD50 (Oral, mouse, rat)	>5000 mg/kg
Nicotinamide	LD50 (Oral, mouse)	>2500 mg/kg
	(Oral, rat)	>3500 mg/kg
Ascorbic acid	LD50 (Oral, mouse)	>8000 mg/kg
	(Oral, rat)	>11,900 mg/kg

Protective Equipment: Wear vinyl or rubber gloves, a waterproof bib-apron and suitable eye protection when applying the product.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Sterile liquid  
**Colour:** Pale yellow to brown  
**Odour:** None.

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### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal temperatures and pressures.  
**Conditions to avoid:** None known  
**Materials to avoid:** None known

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### 11. TOXICOLOGICAL INFORMATION

#### Exposure Effects (Acute)

**Eye Contact:** Direct contact of the solution with eyes can cause irritation.  
**Skin Contact:** Prolonged or repeated contact with Anivit 4BC Injection may cause irritation and/or drying and cracking of the skin.  
**Inhalation:** None known.  
**Ingestion:** Oral toxicity of the Anivit 4BC Injection solution is low.

#### Exposure Effects (Chronic)

Unknown for the product mixture. When this product is used according to the directions, prolonged exposure of man is not expected. Both its mutagenicity and its teratogenicity are not known.

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### 12. ECOLOGICAL INFORMATION

Data on the ecological implications for Anivit 4BC Injection is not yet available.

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### 13. DISPOSAL CONSIDERATIONS

**Product/Residues:** Do not discharge the product material into surface or waste water. For disposal, use an incinerator licensed for chemical waste.

**Package:** Dispose of waste containers using regular disposal methods in accordance with local and national environmental regulations.

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### 14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

Anivit 4BC injection is available as 50ml or 100ml vials, and should be handled with care to avoid breakage.

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### 15. REGULATORY INFORMATION

Labelling Information: None

Safety phrases: S2 Keep out of reach of children  
S7 Keep container tightly closed

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### 16. OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of their use.

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