

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical product name: Vetremox powder  
Common chemical name: Amoxicillin trihydrate  
EEC No. 248-003-8  
CAS Number 61336-70-7

Supplier:  
PHARMAQ Ltd  
Unit 15, Sandleheath Industrial Estate  
Fordingbridge  
Hants SP6 1PA  
Telephone number (01425) 656081

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name Amoxicillin Trihydrate  
CAS No. 61336-70-7  
Purity (%) > 97

### 3. HAZARDS IDENTIFICATION

Physical/chemical hazards: Combustible  
Environmental hazards: The substance is readily biodegradable  
Human health hazards: Inhalation or skin contact over prolonged periods may induce sensitisation manifesting as rashes, rhinitis, oedema, asthma etc.  
Ingestion, other than to sensitised individuals is not harmful.

### 4. FIRST AID MEASURES

General Remove contaminated clothing  
Inhalation Remove victim from area of exposure.  
Skin contact Wash off with plenty of water.  
Eye contact Wash out with plenty of water.

PHARMAQ Ltd  
Unit 15  
Sandleheath Industrial Estate  
Fordingbridge  
Hampshire SP6 1PA  
United Kingdom.  
Tel +44 (0) 1425 656081  
Fax +44 (0) 1425 657992  
Email: [fordingbridge@pharmaq.no](mailto:fordingbridge@pharmaq.no)  
Regd. Company No. 2024398



Protection of first aid personnel: In case of insufficient ventilation, wear suitable respiratory equipment.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water, foam

Protection of fire-fighters: Self-contained breathing apparatus. (Toxic fumes, particularly oxides of nitrogen and sulphur, may be produced if involved in intense fires)

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep away from sources of ignition. No smoking. In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental precautions: Avoid generation of dust. Moisten spillages before cleaning up.

Method for cleaning spills: Take up mechanically. Dispose of as hazardous waste. Wash away remainder with plenty of water.

## 7. HANDLING AND STORAGE

Handling: In case of insufficient ventilation, wear suitable respiratory equipment.

Storage: Keep in a cool dry, well ventilated place away from direct sunlight.

Packaging materials: Polyethylene containers

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Vetremox should not be handled by individuals with known hypersensitivity to penicillins.

Engineering measures: Local exhaust recommended close to operating area. Ensure that areas are well ventilated.

Hygienic measures: Use appropriate protection (see below).

Occupational Exposure: No occupational exposure limits are known.

Personal protection equipment:

Respiratory system: Dust mask P2, EN140

Skin and body: Working clothing

Hands: Gloves

Eyes: Safety goggles or face shield

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Fine crystalline powder
Colour:	White
Odour:	Faint odour
Molecular weight:	419.5 g
Boiling point:	Not applicable
Melting point:	>220°C (decomposition)
Decomposition temperature:	>220°C
Bulk density:	≤ 0.20 g/ml (DIN ISO 787)
Mean particle size:	100% < 80 microns
pH	3.5 - 5.5 (Ph.Eur.) (0.2% Solution)
Solubility in water:	Soluble in tepid water / 4g/litre @ 20°C
Solubility in other ingredients:	Ethanol: Slightly soluble
Vapour pressure:	Not available
Flash point:	Not applicable
Autoignition temperature:	> 360°C
Explosion properties:	Finely dispersed particles are explosive.
Oxidation properties:	Not available

## 10. STABILITY AND REACTIVITY

Stability:	Stable at normal temperatures.
Conditions to avoid:	Protect from light. Keep in a cool, dry place.
Materials to avoid:	Oxidising agents, strong acids.
Hazardous decomposition products:	Oxides of Nitrogen and Sulphur
Hazardous polymerisation:	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

Chemical name:	Amoxicillin trihydrate
Acute toxicity:	Oral LD <sub>50</sub> rat > 8000 mg/kg
Sensitisation	Should be avoided by penicillin-sensitive individuals.

## 12. ECOLOGICAL INFORMATION

Persistence/degradability:	The substance is readily biodegradable.
----------------------------	---

## 13. DISPOSAL CONSIDERATIONS

Methods of disposal:	Dispose as hazardous waste according to the local legislation.
Waste of residues:	Combustion in an incinerator.
Contaminated packaging:	Wash off with water. Combustion in an incinerator.

## 14. TRANSPORT INFORMATION

Land - Road/Railway:	This product is not classified according to ADR/RID
Inland waterways:	This product is not classified according to ADNR.
Sea:	This product is not classified according to IMDG
Air:	This product is not classified according to IATA
National transport regulations:	No additional national transport regulations are known to the supplier

## 15. REGULATORY INFORMATION

Not classified in CDGCPL2 regulations

EC Classification	(67/548/EEC-88/379/EEC) This product is provisionally labelled by the supplier in accordance with EC regulations
Label name	Amoxicillin trihydrate
Hazard symbol(s)	In accordance with EC directives a hazard symbol is not required.
Risk phrases	R42/43 May cause sensitisation by inhalation and skin contact
Safety phrases	S22: Do not breathe dust S24/25 Avoid contact with skin and eyes. S36/37 Wear suitable protective clothing and gloves

National regulations                      No additional national regulations are known to the supplier

## **16.     OTHER INFORMATION**

This information is based on knowledge available until present. More detailed information on the physical and chemical properties can be requested from the supplier. To the best of our knowledge, the information contained herein is accurate and complete. However, nothing herein contained shall be construed to imply any warranty or guarantee.

Regulation 5 of the Chemical (Hazard Information and Packaging Supply) regulations 1994 does not require suppliers of veterinary products to provide safety data sheets. However, as there are health considerations in handling this product, this Product Safety Information Sheet is provided to fulfil obligations under Section 6 of the Health and Safety at Work etc Act 1974 and also to help users in risk assessments required by the Control of Substances Hazardous to Health Regulations 1994.

First Generated:                      6<sup>th</sup> January 1999  
Revised:                                      April 2000; January 2002, June 2011