

**Material Safety Data Sheet****Atrocare Injection 0.6 mg/ml****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING****1.1 Product identification**

**Product name(s):** Atrocare Injection 0.6 mg/ml  
**Product code(s):** XVD 421

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified uses:** Veterinary medicinal product  
**Uses advised against:** Not for human use. Refer to the product information leaflet  
**Reasons why uses advised against:** Refer to the product information leaflet

**1.3 Details of the supplier of the safety data sheet**

**Company name:** Animalcare Limited  
**Address:** 10 Great Northway  
York Business Park  
Nether Poppleton  
York  
YO26 6RB  
United Kingdom

**1.4 Emergency telephone number**

**Daytime:** +44 (0) 1904 487687

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) 1272/2008** This is a veterinary medicinal product authorised under the provisions of Directive 2001/82/EC. Classification of this substance/mixture is not required according to point 11 of the preamble in Regulation EC 1272/2008.

**2.2 Label elements**

**Labelling according to Regulation (EC) 1272/2008** This is a veterinary medicinal product authorised under the provisions of Directive 2001/82/EC. Label elements for this substance/mixture is not required according to point 11 of the preamble in Regulation EC 1272/2008.

**Hazard pictograms:** Not applicable  
**Signal word:** Not applicable  
**Hazard statements:** Not applicable  
**Precautionary statements:** Do not breathe vapor or spray. Wash hands thoroughly after handling.  
**Supplemental information:** Not applicable

**2.3 Other hazards**

**Hazard(s) not otherwise classified (HNOC)** None known

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

<i>Substance name in the mixture</i>	<i>CAS No</i>	<i>Quantity</i>
Atropine sulphate monohydrate	[73791-47-6]	0.06%
Water	[7732-18-5]	Proprietary

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Eyes:</b>	In case of eye contact Rinse with water and maintain the eyelids open. In case of irritation consult with an ophthalmologist
<b>Skin:</b>	In case of skin contact Rinse with water
<b>Ingestion:</b>	Rinse mouth. Get medical attention if symptoms occur
<b>Inhalation:</b>	This route of exposure is unlikely. Get medical attention if symptoms occur

### 4.2 Most important symptoms and effects, both acute and delayed

See section 11 for more information on health effects and symptoms

### 4.3 Indication of any immediate medical attention and special treatment needed

No specific measures identified. Seek medical advice if required

## SECTION 5: FIRE- FIGHTING MEASURES

### 5.1 Extinguishing media

<b>Suitable extinguishing media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<b>Unsuitable extinguishing media:</b>	None known

### 5.2 Special hazards arising from the substance or mixture

<b>Specific hazards during firefighting:</b>	Not flammable or combustible
<b>Hazardous combustion products:</b>	Decomposition products may include the following materials: Carbon oxides (CO <sub>x</sub> ), nitrogen oxides (NO <sub>x</sub> )

### 5.3 Advice for fire-fighters

<b>Special protective equipment for fire-fighters:</b>	No special provisions required beyond normal firefighting equipment such as flame and chemical resistant clothing and self contained breathing apparatus
<b>Further information:</b>	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

<b>Advice for non-emergency personnel:</b>	Refer to protective measures listed in sections 7 and 8
<b>Advice for emergency responders:</b>	If specialised clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials

## 6.2 Environmental precautions

Make sure spills can be contained, e.g. in sump pallets or kerbed areas. Do not allow to enter into surface water of drains. Do not allow to enter into soil/subsoil.

## 6.3 Methods and material for containment and cleaning up

<b>Large spills:</b>	Dike spilled material or otherwise contain material to ensure runoff does not reach a waterway
<b>Small spills:</b>	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water

## 6.4 Reference to other sections

See Section 1 for emergency contact information  
See section 8 for personal protection  
See Section 13 for additional waste treatment information

# SECTION 7: HANDLING AND STORAGE

## 7.1 Precautions for safe handling

<b>Advice on safe handling:</b>	No special handling required under conditions of normal product use
<b>Hygiene measures:</b>	None identified

## 7.2 Conditions for safe storage, including any incompatibilities

<b>Requirements for storage areas and containers:</b>	Keep out of reach of children. Keep in the original packaging
<b>Storage temperature:</b>	Store at ambient temperature
<b>Further information on storage conditions:</b>	Protect from direct incidence of light

## 7.3 Specific end use(s)

Recommendations: Read the Product Information Leaflet before use

# SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1 Control parameters

The following constituents are the only constituents of the product which have a PEL, TLV, TWA or other recommended exposure limit.  
Not established

## 8.2 Exposure controls

<b>Engineering measures:</b>	Engineering controls are normally not needed during the normal use of this product
<b>Individual protection measures:</b>	
<b>Hygiene measures:</b>	No specific measures identified
<b>Eye/face protection:</b>	Eye protection is normally not required during intended product use. However, if eye contact is likely to occur, the use of chemical safety goggles (as a minimum) is recommended
<b>Skin/body protection:</b>	If skin contact with the product formulation is likely, the use of latex or nitrile gloves is recommended
<b>Hand protection:</b>	No specific measures identified

**Respiratory protection:** None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements (89/656/EEC, 89/686/EEC), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Environmental exposure controls:** Consider the provision of containment around storage vessels

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour:</b>	Clear colourless
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Density:</b>	No data available
<b>Melting point:</b>	No data available
<b>Boiling point:</b>	No data available
<b>Flash point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Flammability:</b>	No data available
<b>Water solubility:</b>	No data available
<b>Partition coefficient:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Thermal decomposition:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Vapour pressure:</b>	No data available
<b>Vapour density:</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Oxidizing properties:</b>	The substance or mixture is not classified as oxidizing

### 9.2 Other information

No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under normal conditions of normal use

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under normal conditions of normal use

### 10.4 Conditions to avoid

Avoid contact with incompatible materials

### 10.5 Incompatible materials

None Known

### 10.6 Hazardous decomposition products

Decomposition products may include the following materials: Carbon oxides nitrogen oxides

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<b>Acute toxicity:</b>	Atropine sulphate LD <sub>50</sub> 622 mg/kg (Rat, oral) Atropine sulphate LD <sub>50</sub> 56 mg/kg (Mouse, IV) Atropine sulphate LD <sub>50</sub> 60 mg/kg (Dog, IV)
<b>Chronic toxicity:</b>	No data available
<b>Skin irritation/sensitization:</b>	No data available
<b>Reproductive toxicity:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Mutagenicity:</b>	No data available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers

## SECTION 14: TRANSPORT INFORMATION

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations

## **SECTION 15: REGULATORY INFORMATION**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This product has been authorised under the provisions of Directive 2001/82/EC

### **15.2 Chemical safety assessment**

For this product, a chemical safety assessment was not carried out

## **SECTION 16: OTHER INFORMATION**

For animal treatment only

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