

According to EC Regulation 1907/2006 (REACH)



## PRODUCT SAFETY DATA SHEET

### HEXASOL INJECTION

#### 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF COMPANY / UNDERTAKING

Product Name	Hexasol Injection
Supplier	Norbrook Laboratories Ltd, Station Works, Newry, Co.Down, N.Ireland, BT35 6JP.
Supplier	Norbrook, Inc. 9733 Loiret Blvd Lenexa, KS 66219 Phone: 913 599 5777 Fax: 913 599 5766

#### 2. HAZARDS IDENTIFICATION

Physical and Chemical Hazards	:	Not classified as dangerous under EEC 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 Hexasol Injection.

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Preparation	:	Preparation
Active Ingredients	:	Oxytetracycline Dihydrate Flunixin Meglumine
Description	:	Antibacterial, Anti-inflammatory
Chemical Family	:	Tetracyclines & NSAID's

#### 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.
Ingestion	:	Do not induce vomiting. Seek medical attention.

#### 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 vapors.
Fire and explosion hazards:	None.

## 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.

## 7. HANDLING AND STORAGE

Handling	:	Avoid contact with eyes, skin or clothing. Do not breathe vapors 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, between 15°C and 30°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.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component - Occupational Exposure Standard

Oxytetracycline Dihydrate	Not Established
Flunixin Meglumine	Not Established

### For pure oxytetracycline :

LD50 ( Oral, mouse )	2240 mg/kg
LD50 ( Oral, rat )	4800 mg/kg

### For pure flunixin :

LD50 ( Oral, rat ) :	120 mg/kg
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Protective Equipment	:	Wear vinyl, nitrile 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 aqueous solution
Color	:	Clear, yellow/brown
Odour	:	None.

## 10. STABILITY AND REACTIVITY

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

Materials to avoid : None known

## 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 Hexasol Injection may cause irritation and/or drying and cracking of the skin.  
Inhalation : None known.  
Ingestion : Oral toxicity of the Hexasol 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.

## 12. ECOLOGICAL INFORMATION

Data on the ecological implications for Hexasol Injection is not yet available.

## 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.

## 14. TRANSPORT INFORMATION

### Land, Sea & Air Transport

ADR/RID, IMO/IMDG, IATA/ICAO, UN No. : Not applicable

## 15. REGULATORY INFORMATION

Labelling Information : None  
Safety phrases : S2 Keep out of reach of children  
S7 Keep container tightly closed

## 16. OTHER INFORMATION

NADA : 141-312 For Animal Treatment Only  
ML : 2000/01  
Revision Date : 10/11/10  
Revision No : 01  
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Suppliers data sheets and various chemicals and pharmaceuticals databases were used to compile this sheet.

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