

## Material Safety Data Sheet

### 1. Identification of substance

Product name: **Eurotrol Hypoxic QC**  
Product code: Level 'X-Low': **166.001.004**  
Manufacturer: Eurotrol B.V., Keplerlaan 20, 6716 BS, Ede,  
The Netherlands, Phone: +31 318 695777, Fax: +31 318 695770

**In emergency call:** Eurotrol Inc., Bolton, MA 01740, **Phone: 1 866-234-5754**

### 2. Components

Stroma free bovine haemoglobin solution with salts

Appearance: Bloodlike

Odor: none

Physical State: Liquid

### 3. Hazardous characteristics

This product is prepared from bovine material. Cattle used for bleeding are under veterinary control. Cattle have not been mixed with other cattle. No foot-and-mouth disease or rinderpest has been observed in these cattle. However, no test method can offer complete assurance that products derived from bovine source material are free from infectious agents.

HANDLE AS A BIOHAZARD, class II (CDC/NIH guidelines).

According to applicable regulations, this product does not contain chemical ingredients classified as hazardous or in sufficient concentrations to classify the product as hazardous. This product contains no hazardous ingredients with concentration >1% m/v or carcinogens with concentration >0.1% m/v.

Inhalation: N/A

Skin Contact: Skin contact may cause irritation.

Eye Contact: May cause irritation if in contact with eye.

Ingestion: Though not a likely route of occupational exposure, ingestion of this product may cause choking, vomiting or nausea.

### 4. Emergency first aid procedures

Inhalation: N/A

Skin contact: Use normal hygiene. Flush with water for >15 minutes in case reagent contacts the skin

Eye contact: Flush with water for >15 minutes in case reagent contacts eyes

Ingestion: Get medical attention

### 5. Actions in case of fire

Not flammable.

Follow general fire fighting procedures.

Hazardous Combustion Products: Thermal decomposition may emit carbon monoxide and carbon dioxide.

## 6. Actions in case of spill of material

In case of spill of material clean with water. Use an absorbent material to contain/pick up the spilled solution. Place all contaminated disposables into a suitable container, seal, label and hold for disposal.

## 7. Handling and storage

Handling: Follow Good Laboratory Practice

Storage: Keep the product between 2 – 8 °C (see product label)

## 8. Limitation of the exposure / personal protective measures

Follow Good Laboratory Practice

## 9. Physical / chemical characteristics

pH:	Neutral
Boiling point (°C):	Not established
Melting point (°C):	Not established.
Appearance:	Bloodlike
Odor:	Odorless
Physical state:	Liquid
Solubility in water:	Soluble
Vapor pressure:	Not established.
Vapor density:	Not established.
Flash point:	Not flammable.

## 10. Stability and reactive hazard data

Expiration date is stated on each product box. Once the ampule is opened, the product is stable for 10 minutes.

Conditions to avoid: Boiling the product

## 11. Toxicological information

This product is prepared from bovine material. Cattle used for bleeding is under veterinary control. Cattle have not been mixed with other cattle. No foot-and-mouth disease or rinderpest has been observed in these cattle. However, no test method can offer complete assurance that products derived from bovine source material are free from infectious agents.

HANDLE AS A BIOHAZARD, class II (CDC/NIH guidelines).

According to applicable regulations, this product does not contain chemical ingredients classified as hazardous or in sufficient concentrations to classify the product as hazardous. This product contains no hazardous ingredients with concentration >1% m/v or carcinogens with concentration >0.1% m/v.

## 12. Ecological Toxicological information

According to applicable regulations, this product does not contain chemical ingredients classified as hazardous or in sufficient concentrations to classify the product as hazardous. This product contains no hazardous ingredients with concentration >1% m/v or carcinogens with concentration >0.1% m/v.

## 13. Waste disposal methods

Do not dispose of in general waste. Consult local environmental authorities for proper disposal.

#### 14. Transport information

According to DOT and IATA, the product is classified as:  
NON-HAZARDOUS

Proper Shipping Name:	Not regulated
Technical Name:	
UN Number:	N/A
Hazard Class and Packaging Group:	N/A
Label(s):	N/A
Packing Instruction (Passenger Aircraft):	N/A
Packing Instruction (Cargo Aircraft):	N/A
Shipping Container Type:	N/A
Sales Unit:	4 ampules on a foam tray in a plastic hinged box.

#### 15. Valid regulations

N/A

#### 16. Other information

The opinions expressed herein are those of qualified experts within Eurotrol B.V. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Eurotrol B.V., it is the users' obligation to assure safe use of the product.

Date of issue:  
2008-06-24