

Material Safety Data Sheet

1. Identification of substance

Product name: ***Eurotrol HemoTrol***
Product code: REF ***022.001.002 (Low), 022.002.002 (Normal), 022.003.002 (High)***
Manufacturer: Eurotrol B.V., Keplerlaan 20, 6716 BS, Ede, The Netherlands.

In emergency call **+31 318 695777** for further information.
For **US and Canadian customers**: in emergency call **+1-978-598-3779** for further information.

2. Components

Hemolized red blood cells of bovine origin.

3. Hazardous characteristics

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).**

Appearance: Bloodlike
Odour: none
Physical State: Liquid

4. Emergency first aid procedures

Inhalation: N/A
Skin contact: Normal hygiene
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.

6. Actions in case of spill of material

In case of spill of material clean with water.

7. Handling and storage

Handling:
Follow Good Laboratory Practice

Storage:

The product must be stored in the refrigerator at 2–8 °C. After opening the vial, it is stable for 30 days stored at 2–8 °C (35–46 °F) or at room temperature 15–30 °C (59–86 °F).

8. Limitation of the exposure / personal protective measures

Follow Good Laboratory Practice

9. Physical / chemical characteristics

pH	N/A
Boiling point (°C)	N/A
Melting point (°C)	N/A
Decomposition temperature (°C)	N/A
Flash-point (°C)	Not flammable.
Spontaneous combustion temp (°C)	N/A
Combustibility (solid, gas)	N/A
Explosive characteristics	N/A
Explosion limits	N/A
Oxidizing characteristics	N/A
Vapor pressure (kPa)	N/A
Vapor density	N/A
Appearance	Bloodlike
Odour	None
Physical state	Liquid
Solubility in water	Soluble

10. Stability and reactive hazard data

Expiry date is stated on each dropper bottle.

The product must be stored in the refrigerator at 2–8 °C. After opening the vial, it is stable for 30 days stored at 2–8 °C (35–46 °F) or at room temperature 15–30 °C (59–86 °F).

Conditions to avoid: Freezing or 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).

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.

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:	N/A
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:	2 dropper bottles on a carton tray; 1 tray in a carton box (2 dropper bottles per 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:
July 11th, 2007