Eurotrol
Your Global Reference Point for Quality Control

Material Safety Data Sheet

1. Identification of substance

Product name	Code / REF
Eurotrol tHb	018.001.012
	018.001.036
	018.002.012
	018.002.036
	018.003.012
	018.003.036
Eurotrol HemoTrol	022.001.002
	022.002.002
	022.003.002
Eurotrol HemoLin	023.000.005
Hb con	117.023.002
Eurotrol tHb	148.001.001
	148.002.001
	148.003.001
Eurotrol tHb (EQA/PT)	161.001.001
	161.002.001
	161.003.001
	161.004.001
	161.005.001
Eurotrol Hemotrol	171.001.002
	171.002.002
	171.003.002
Eurotrol Hemotrol	202.001.002
	202.002.002
	202.003.002
Eurotrol tHb (EQA/PT)	212.001.001
	212.002.001
	212.003.001
	212.004.001
	212.005.001

Manufacturer: Eurotrol B.V., Keplerlaan 20, 6716 BS, Ede, The Netherlands.

For customers in **North and South America**: in emergency call **+1-978-598-3779** for further information.
For **Rest of the World**: in emergency call **+31 318 695777** for further information.

2. Components

Hemolized red blood cells of bovine origin.

Eurotrol B.V.
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ABN AMRO Bank No. 56.18.38.909, BIC ABNANL2A, IBAN NL92ABNA0561838909, Trade register Arnhem 09067367, VAT No. NL009139448B01

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: Blood-like
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:
Store dropper bottles as directed in the package insert.

8. Limitation of the exposure / personal protective measures

Follow Good Laboratory Practice

9. Physical / chemical characteristics

pH	~7 (neutral)
Boiling point (°C)	~100°C/~212°F
Melting point (°C)	~0°C/~32°F
Decomposition temperature (°C)	~70°C/~158°F
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	Transparent, reddish
Odour	None

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Physical state	Liquid
Solubility in water	Soluble

10. Stability and reactive hazard data

Store vials as directed in the package insert.
Product is chemically stable when properly stored.
No hazardous decomposition products are known.
Conditions to avoid: Freezing or boiling the product

11. 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.

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:	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:	Plastic dropper bottles containing 1.0 mL solution

15. Valid regulations

For US: GUIDELINES FOR IMPORTATION #1121

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:
February 17, 2012

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