

## Safety Data Sheet

According to 1907/2006/EC

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Tradename HemoTrol® WB Low  
HemoTrol® WB Normal  
HemoTrol® WB High

Article number REF 08718734960942  
REF 08718734960959  
REF 08718734960966

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

HemoTrol® WB is an assayed quality control material for professional use to verify the performance characteristics of the HemoCue® Hb 301 and the HemoCue® Hb 801 System. HemoTrol® WB is intended for the quantitative determination of hemoglobin.

##### 1.2.1 Application of the substance / the mixture

HemoTrol® WB is a quality control material containing a known hemoglobin concentration in three clinically relevant ranges. When measured like a patient sample, the regular use of the quality control material can provide proof for proper functioning of the HemoCue® Hb 301 and the HemoCue® Hb 801 System. Quality control materials should be used in accordance with local, state, and/or federal regulations or accreditation requirements.

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

##### Manufacturer

Eurotrol B.V.  
Keplerlaan 20  
6716 BS Ede  
The Netherlands  
Mail: [office@eurotrol.com](mailto:office@eurotrol.com)  
Phone: +31 (0) 318 695777

##### Information department

Eurotrol B.V. Customer Service  
Mail: [office@eurotrol.com](mailto:office@eurotrol.com)  
Phone: +31 (0) 318 695777

#### 1.4 Emergency telephone number

In case of an emergency call **+31 (0) 318 695777** for any further information (only during office hours).

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Not applicable

Hazard pictograms:	Not applicable
Signal word:	Not applicable
Hazard statements:	Not applicable

### 2.3 Other hazards

Results of PBT and vPvB assessment: Not applicable

HemoTrol® WB contains material of bovine origin. The product is free from transmissible spongiform encephalopathies (TSEs). However, no test method can offer complete assurance that products derived from bovine source material are free from infectious agents and may transmit infectious agents.

## Section 3: Composition/information on ingredients

### 3.1 Substances

Description:	Bovine blood, stabilizers, preservatives.
Dangerous components:	Not applicable
Additional information:	None

## Section 4: First-aid measures

### 4.1 Description of first aid measures

Inhalation: Not applicable

Skin contact: Normal hygiene

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

Ingestion: Get medical attention

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

No further relevant information available.

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

No further relevant information available.

## Section 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing agents: Use water, alcohol-resistant foam, dry chemical or carbon dioxide.

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

No data on specific hazards available.

### 5.3 Advice for firefighters

Standard precautions and protective equipment should be used.

## Section 6: Accidental release measures

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

No personal precautions, protective equipment and emergency procedures are required.

## **6.2 Environmental precautions**

Do not dispose in the general waste. Consult local environmental authorities for proper disposal. In case of contaminated packaging, dispose the unused product.

## **6.3 Methods and material for containment and cleaning up**

In case of spill of material, clean with water. Keep left over waste in suitable, closed containers for disposal.

## **6.4 Reference to other sections**

No dangerous substances are released. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

# **Section 7: Handling and storage**

## **7.1 Precautions for safe handling**

Follow Good Laboratory Practice (GLP).

### **7.1.1 Information about protection against explosions and fires**

No special measures required.

## **7.2 Conditions for safe storage, including any incompatibilities**

Store the product as indicated on the product label.

## **7.3 Specific end use(s)**

No further relevant information available.

# **Section 8: Exposure controls/personal protection**

## **8.1 Control parameters**

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### **8.1.1 Additional information**

Applicable lists valid during the creation of this safety data sheet were used as basis.

## **8.2 Exposure controls**

### **8.2.1 Appropriate engineering controls**

Follow Good Laboratory Practice (GLP).

### **8.2.2 Individual protection measures, such as personal protective equipment**

Eye/face protection:	Use equipment for eye protection tested under appropriate government standards
Skin protection:	Use protective gloves
Body protection:	Wear protective clothing
Respiratory protection:	Respiratory protection not required

### **8.2.3 Environmental exposure controls**

The usual precautionary measures should be adhered to when handling chemicals.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a) Appearance	Brownish liquid
b) Odor	Odorless
c) Odor threshold	Data not available
d) pH	6.0 – 7.0
e) Melting point/freezing point	Data not available
f) Initial boiling point and boiling range	Data not available
g) Flash point	Data not available
h) Evaporation rate	Data not available
i) Flammability (solid, gas)	Product is nonflammable
j) Upper/lower flammability or explosive limits	Not applicable
k) Vapor pressure	Data not available
l) Vapor density	Data not available
m) Relative density	Data not available
n) Solubility(ies)	Product is an aqueous solution
o) Partition coefficient: n-octanol/water	Product is an aqueous solution
p) Auto-ignition temperature	Data not available
q) Decomposition temperature	Data not available
r) Viscosity	Data not available
s) Explosive properties	Data not available
t) Oxidizing properties	Data not available

### 9.2 Other information

No further relevant information available.

## Section 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

The product has been validated to be chemically stable at least up until the expiration date. After opening the product is stable at 2-8 °C for 30 days.

### 10.3 Possibility of hazardous reactions

No data available.

#### 10.4 Conditions to avoid

The product should not be used past expiration date. Avoid exposure to temperatures below 0 °C or above 30 °C.

#### 10.5 Incompatible materials

No data available.

#### 10.6 Hazardous decomposition products

No data available.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

a) acute toxicity	No relevant information available.
b) skin corrosion/irritation	No relevant information available.
c) serious eye damage/irritation	No relevant information available.
d) respiratory or skin sensitization	No relevant information available.
e) germ cell mutagenicity	No relevant information available.
f) carcinogenicity	No relevant information available.
g) reproductive toxicity	No relevant information available.
h) STOT-single exposure	No relevant information available.
i) STOT-repeated exposure	No relevant information available.
j) aspiration hazard	No relevant information available.

## Section 12: Ecological information

### 12.1 Toxicity

No relevant information available.

### 12.2 Persistence and degradability

No relevant information available.

### 12.3 Bioaccumulative potential

No relevant information available.

### 12.4 Mobility in soil

No relevant information available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Other adverse effects

No relevant information available.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Do not dispose of in general waste. Consult local environmental authorities for proper disposal. In case of contaminated packaging, disposition of the unused product.

## Section 14: Transport information

According to ADR, ADN, RID, IMDG and IATA the product is not classified as dangerous good.

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

## Section 15: Regulatory information

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

This Safety Data Sheet complies with the following regulations:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 453/2010 (REACH)
- Regulation (EC) No. 1272/2008 (EU-GHS/CLP)

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this product.

## Section 16: Other information

The information in this Safety Data Sheet are based on our current knowledge. This SDS has been compiled exclusively for this product and is intended exclusively for this product. It guaranties no product characteristics and does not ensure a legal relationship. Since the implementation of the information and the operating conditions of the product given in this SDS are not controlled by Eurotrol B.V., the user is responsible for the safe use of the product.

### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route

ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

IMDG: International Maritime Code for Dangerous Goods

MARPOL: International Convention for the Prevention of Pollution from Ships

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

**Revision history**

<b>Revision</b>	<b>Effective date</b>	<b>Change to previous revision</b>
01		First revision

Effective date: