

Safety Data Sheet

according to OSHA HCS 29 CFR 1910.1200(g)

Section 1: Identification

1.1 Product identifier used on the label

HemoTrol® Duo Low

HemoTrol® Duo Normal

HemoTrol® Duo High

1.2 Other means of identification

HemoTrol® Duo Low **REF** AN01624A01

HemoTrol® Duo Normal **REF** AN01624A02

HemoTrol® Duo High **REF** AN01624A03

1.3 Recommended use of the chemical and restrictions on use

HemoTrol® Duo 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® Duo is intended for the quantitative determination of hemoglobin.

HemoTrol® Duo 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.

1.4 Name, address, phone number of the manufacturer and emergency phone number

Manufacturer

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

Distributor

Eurotrol Inc.
850 N Black Branch Rd
Elizabethtown, KY 42701
USA
Mail: officeUSA@eurotrol.com
Phone: +1 (502) 501-1180

1.5 Emergency phone number

In case of an emergency call **+1 (502) 501-1180** for any further information.

Section 2: Hazard(s) Identification

2.1 Classification of the chemical

None of the compounds in the mixture of the product are known to constitute health or physical hazards and are therefore not classified.

2.2 Signal word, hazard statement(s), symbol(s) and precautionary statement(s)

This product does not need to be labelled in accordance with §1910.1200 Occupational Safety and Health Standards, as no classified chemicals are part of the mixture of the product.

2.3 Any hazards not otherwise classified that have been identified during the classification process
Not applicable.

Section 3: Composition/information on ingredients

3.1 Chemical name and concentration of all ingredients which are classified as health hazards in accordance with paragraph (d) of §1910.1200

The mixture contains no ingredients which are classified as health hazards in accordance with paragraph (d) of §1910.1200.

Section 4: First-aid measures

4.1 Description of necessary 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/effects, acute and delayed

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.'

4.3 Recommendations for immediate medical attention and special treatment needed, if necessary

No data available.

Section 5: Fire-fighting measures

5.1 Suitable (and unsuitable) extinguishing media

Use water, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

No data on specific hazards available.

5.3 Special protective equipment and precautions for fire-fighters

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 Methods and materials for containment and cleaning up

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

Section 7: Handling and storage

7.1 Precautions for safe handling

Follow Good Laboratory Practice (GLP).

7.2 Conditions for safe storage, including any incompatibilities

Store the product as indicated on the product label.

Section 8: Exposure controls/personal protection

8.1 OSHA permissible exposure limit and any other exposure limit used

Not available.

8.2 Appropriate engineering controls

Follow Good Laboratory Practice (GLP).

8.3 Individual protection measures, such as personal protective equipment

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

Section 9: Physical and chemical properties

a) Appearance	Reddish liquid
b) Odor	Odorless
c) Odor threshold	Data not available
d) pH	7.0 – 9.0
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)	Data not available
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

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.

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 Likely routes of exposure (inhalation, ingestion, skin and eye contact)

No relevant information available.

11.2 Symptoms related to the physical, chemical and toxicological characteristics

No relevant information available.

11.3 Delayed and immediate effects and also chronic effects from short- and long-term exposure

No relevant information available.

11.4 Numerical measures of toxicity

No relevant information available.

11.5 Carcinogenic compounds

No relevant information available.

Section 12: Ecological information

12.1 Ecotoxicity

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 Other adverse effects

No relevant information available.

Section 13: Disposal considerations

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

No precautions need for transporting this product.

Section 15: Regulatory information

This Safety Data Sheet complies with the following regulations:

- Guidelines for Importation #1121
- Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

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.

Revision history

Revision	Effective date	Change to previous revision
01	2019-09-19	First revision

Effective date: 26 Jul 2017