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 guarantees 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

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<tr>
<th>Revision</th>
<th>Effective date</th>
<th>Change to previous revision</th>
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<tr>
<td>01</td>
<td>2019-09-19</td>
<td>First revision</td>
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