1.) **Identification of the substance/preparation and of the company/undertaking**

**Identification of the substance or preparation**

**Trade name**

- Control solution Hb-con set 2 (Order number 3000-6128)
- Control solution Hb-con low (Order number 3000-6121)
- Control cuvette set (Order number 3000-6138)
- Control solution Hb-con set 2-LN (Order number 3000-6127)

**Use of the substance/preparation**

Control material to validate regularly the accuracy and precision of the Hemo_Control instruments and of the hemoglobin microcuvette.

**Company/undertaking identification**

**Address**

EKF diagnostic GmbH
Ebendorfer Chaussee 3
D-39179 Barleben

Telephone no. +49 (0)3 92 03 / 7 85 - 0
Fax no. +49 (0)3 92 03 / 7 85 - 16

**Information provided by / telephone**

EKF diagnostic GmbH
Telephone: +49 (0)39203 / 785 - 0 (7 am - 4 pm on workdays)

**Emergency telephone**

+49 (0) 551 / 19240 Poison Information Centre North (Giftinformationszentrale Nord)

**Advice on Safety Data Sheet**

support@ekf-diagnostic.de

2.) **Hazards identification**

**Hazard symbols**

- **N O N E**

**Particular information pertaining specific risk for human / environment**

The product does not require a hazard warning label in accordance with Directive 1999/45/EC. No special hazards have to be mentioned. But please observe the information given in this safety data sheet.

Material is tested for sterility and found sterile.

Animal Blood Product.

Bovine based materials do not carry biohazards for man, such as HepB, HepC and HIV.

3.) **Composition / information on ingredients**

**Chemical characterization**

- **aqueous solution**
- Material contains: Stroma free, purified bovine hemoglobin
- Salt: Sodium Chloride
- Preservative (concentration lower than 0,1%)
4.) **First aid measures**

**General information**
In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

**After skin contact**
Rinse with plenty of water.

**After eye contact**
Separate eyelids, wash the eyes thoroughly with water (15 min.).

**After ingestion**
Drink plenty of water. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side, with head down).

5.) **Fire-fighting measures**

**Suitable extinguishing media**
Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**
None known

**Special protective equipment for fire-fighters**
Use self-contained breathing apparatus. Wear protective clothing.

6.) **Accidental release measures**

**Personal precautions**
Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

**Environmental precautions**
Do not discharge into the drains/surface waters/groundwater.

**Methods for cleaning up/taking up**
Pick up with absorbent material (e.g., sand, sawdust, general-purpose binder). Send in suitable containers for recovery or disposal.

7.) **Handling and storage**

**Handling**

**Advice on safe handling**
Ensure adequate ventilation.

**Advice on protection against fire and explosion**
No special measures necessary.

**Storage**

**Requirements for storage rooms and vessels**
Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

**Advice on storage assembly**
Store the foodstuffs separately.

**Further information on storage conditions**
Keep container tightly closed in a cool, well-ventilated place.
8.) **Exposure controls / personal protection**

**Exposure limit values**

**NONE**

**Personal protective equipment**

**Respiratory protection**

No special measures required.

**Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product.

**Eye protection**

No special measures required.

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

9.) **Physical and chemical properties**

**General information**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>red-brown</td>
</tr>
<tr>
<td>Odour</td>
<td>odourless</td>
</tr>
</tbody>
</table>

**Important health, safety and environmental information**

**Changes in physical state**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point</td>
<td>appr. 100 °C</td>
</tr>
<tr>
<td>Pressure</td>
<td>1013 mbar</td>
</tr>
<tr>
<td>Density</td>
<td>appr. 1.0 g/cm³</td>
</tr>
</tbody>
</table>

**Solubility in water**

Remarks: soluble

10.) **Stability and reactivity**

**Conditions to avoid**

None known

**Thermal decomposition**

Remarks: No decomposition if used as prescribed.

11.) **Toxicological information**

**Experience in practice**

Product specific toxicological data are not available.

**Other information (chapter 11.)**

No health-damaging effects to be expected if used properly.
12.) **Ecological information**

Other adverse effects
Do not discharge into the drains or waters and do not store on public depositories.
Ecological data are not available.

13.) **Disposal considerations**

Product
Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.
For disposal follow your local regulations for infectious medical waste.

Packaging
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

14.) **Transport information**

Other information (chapter 14.)
The product is not defined under national/international road, rail, sea and air transport regulations as a hazardous material.

15.) **Regulatory information**

Labelling in accordance with EC directives
The product does not require a hazard warning label in accordance with EC Directive 1999/45/EC.

Hazard symbols

- **NONE**

Remarks
Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

16.) **Other information**

Sources of key data used to compile the data sheet:
National Threshold Limit Values of the corresponding countries as amended in each case.
Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.
The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Department issuing safety data sheet**
UMCO Umwelt Consult GmbH
Georg-Wilhelm-Str. 183 b, D-21107 Hamburg
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This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.