

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product name: Hemolysis test kit
1.2 Recommended use: For research use only
1.3 Manufacturer: Haemoscan BV
Stavangerweg23-23
9723 JC Groningen
The Netherlands
Tel. +31 50 7370187
mail@haemoscan.com

2 HAZARDS IDENTIFICATION

2.1 Emergency overview: Liquid solution. Presents little hazard if spilled or in fire.

3 COMPOSITION, INFORMATION ON INGREDIENTS

Component code	Name
K003-1	Erythrocyte concentrate
K003-2	Wash Buffer
K003-3	Dilution Buffer III
K003-4	Lysis fluid
K003-5	Hemoglobin
K003-6	Assay Buffer
K003-7	Reference 1 (SE)
K003-8	Reference 2 (Buna N)
K003-9	Reference 3 (MS)
K003-10	RBS cleaning solution
K003-11	Dilution Buffer I
K003-12	Dilution Buffer II

Hazard classification: None
CAS No: None

4 FIRST-AID MEASURES

4.1 General: Miscible with water.
4.2 Eyes: Flush eyes with water. If persistent irritation occurs, seek medical advice.
4.3 Skin contact: Wash with water.
4.4 Ingestion: Wash mouth thoroughly with water and drink water. If substance has been swallowed, drink large quantities of water.
4.5 Inhalation: Not applicable.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media: Use extinguishing media appropriate for surrounding fire.
5.2 Flammable properties: Not flammable. This product does not present any fire or explosion hazard.

HaemoScan BV
Stavangerweg 23-23
9723 JC Groningen
The Netherlands

I. www.haemoscan.com
E. mail@haemoscan.com
T. +31 (0) 50 7370187
F. +31 (0) 847269747

VAT: NL8071.71.499.B.01
Chamber of Commerce:
02061622

6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: Wear gloves, other protection is not necessary.
- 6.2 Cleanup procedures: Immediately clean up any spillage of specimens with 70% ethanol, or a 1:10 dilution of 5% sodium hypochlorite, or with a similar solution.

7 HANDLING AND STORAGE

- 7.1 Handling precautions: No special precautions.
- 7.2 Storage: Store at -20 °C or colder.

8 EXPOSURE CONTROLS, PERSONAL PROTECTION

- 8.1 General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.
- 8.2 Eye protection: Eye protection is recommended.
- 8.3 Protection of hands: The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.
- 8.4 Ventilation: No particular ventilation requirements.
- 8.5 Protective clothing: Protective clothing is not necessary.

9 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance: Liquid and solid.
- 9.2 Color: Colorless, lightyellow, red, metal and black.
- 9.3 Solubility: Most components are miscible with water.
- 9.4 Specific gravity: Not applicable.
- 9.5 pH-value: 4-9.

10 STABILITY AND REACTIVITY

- 10.1 Hazardous reactions: Not known.
- 10.2 Hazardous decomposition products: None.

11 TOXICOLOGICAL INFORMATION

- 11.1 Acute toxicity: Not known.
- 11.2 Skin effects: irritating.
- 11.3 Eye effects: Not known.
- 11.4 Further toxicological information: No cases of intoxication known so far.
Erythrocytes used for production of erythrocyte concentrate are derived from human volunteers which have not been tested for pathogens. However, to the best of our knowledge, specimens were only taken from persons with no signs or symptoms of diseases. Nevertheless plasma should be considered as potentially infectious and handled with care.

12 ECOLOGICAL INFORMATION

Summary: Most components of this product are readily miscible with water and rated not toxic. No known potential for bioaccumulation.

13 DISPOSAL CONSIDERATION

13.1 General information: Disposal should be made in accordance with existing disposal practices employed for biological material

14 TRANSPORT INFORMATION

14.1 General Information: Transportation of the product is not regulated by Haemoscan. Fragile containers, handle with care.

15 REGULATORY INFORMATION

15.1 EU regulations: This product is not in accordance with danger material regulation and the appropriate European Union guidelines marking requiring.

16 OTHER INFORMATION

This Safety Data Sheet complies with the European Community Directive 1907/2006/EG. All information and instructions provided in this Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on this Safety Data Sheet. Haemoscan shall not be held responsible for any defect in the product covered by this Safety Data Sheet, should the existence of such a defect not be detectable considering the current state of scientific and technical knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.