

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)
GENERIC EU SDS, NO COUNTRY SPECIFIC DATA, NO OEL DATA



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Hemolysis Assay for Biomaterials
Product number : K003
Brand : Haemoscan
REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Identified uses : Laboratory chemicals, Manufacture of substance

1.3 Details of the supplier of the safety data sheet

Company : HaemoScan BV
Stavangerweg 23-23
9723 JC GRONINGEN
NETHERLANDS

Telephone : +31 50 737 018 7
Fax : +31 84 726 974 7
E-mail address : mail@haemoscan.com

1.4 Emergency telephone number

Emergency Phone # : Your local emergency number

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture - none

2.2 Label elements - none

2.3 Other hazards - none

SECTION 3: Composition/information on ingredients - none

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SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

no data available

4.3 Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing in vapours, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

Do not let products enter drains.

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6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

Immediately clean up any spillage of specimens with 70% ethanol, or a 1:10 dilution of 5% sodium hypochlorite, or with a similar solution.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry and well-ventilated place. Store in a cool place.

Recommended storage temperature: between -80°C and -20°C.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye-face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection

Impervious clothing. The type of protective equipment must be selected

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according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	Form: liquid and solid Color: colorless, lightyellow, red, metal and black
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	4 - 9
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	All liquids are miscible with water
o) Partition coefficient: noctanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

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9.2 Other safety information

Erythrocyte concentrate (K003-1) and Hemoglobin (K003-5) are of human origin. To the best of our knowledge, the specimens were only taken from persons with no signs or symptoms of diseases. However, specimens should be handled as possibly infectious.

SECTION 10: Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Other decomposition products - no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

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Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Additional Information

RTECS: Not available

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

SECTION 12: Ecological information

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

no data available

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

SECTION 14: Transport information

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

SECTION 15: Regulatory information

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

15.2 Chemical Safety Assessment

For this product, a chemical safety assessment was not carried out.

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SECTION 16: Other information

Kit components

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

Further information

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All information and instructions provided in this Safety Data Sheet are based on the current state of our knowledge at the date indicated on this Safety Data Sheet. HaemoScan B.V. shall not be held liable for any damage resulting from handling or from contact with the above product, nor for any defect in the product covered by this Safety Data Sheet, should the existence of such a defect not be detectable considering (our) 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. The above information is believed to be correct but does not purport to be all inclusive and shall not be used only as a guide.

See www.haemoscan.com for additional terms and conditions.

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