

Safety Data Sheet

in accordance with Regulation (EC) No. 1907/2006 and
Regulation (EU) No. 453/2010 (REACH)



Trade name: **Lactat Control Set**

Stock number: LAC QS

Created on: 10 May 2015

Version: 2.1

Replaces version of 1 Sep 2010

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

1.1 Product identifier

Trade name Lactat Control Set
Stock no. LAC QS

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

General use Reagent for in vitro diagnostics
For professional use only

1.3 Details of the supplier of the safety data sheet

Company name Diaglobal GmbH
Innovationspark Wuhlheide
Köpenicker Str. 325
12555 Berlin
Email: info@diaglobal.de
Tel.: +49 (0)30 / 6576-2597
Fax: +49 (0)30 / 6576-2517

1.4 Emergency telephone number +49 (0)30 / 6576-2597 (during normal business hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The LAC QS kit contains bottles of a control solution (= mixture).

Classification in accordance with EC Regulation 1272/2008 (CLP)

The mixture is classified as non-hazardous.

2.2 Label elements None

2.3 Other hazards None known

SECTION 3: Composition/information on ingredients

3.1 Substances Not applicable

3.2 Mixtures

Chemical characterisation Aqueous solution
Hazardous constituents Does not contain hazardous substances in quantities that must be indicated in this section under applicable EU law.
Additional information Contains sodium azide (<0.1%) as a preservative.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Remove contaminated clothing immediately.
After inhalation Remove to fresh air.
After skin contact Wash affected areas with water.
After eye contact Immediately wash thoroughly with plenty of water and with the eyelids open.
If symptoms arise, consult a doctor.
After ingestion Immediately rinse mouth with water and drink a glass of water afterwards. Do not induce vomiting.

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4.2 Most important symptoms and effects, both acute and delayed

Symptoms None known or to be expected

4.3 Indication of any immediate medical attention and special treatment needed

Treatment No information available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media No restriction
The liquid is non-combustible. Use extinguishing measures that suit the environment.

Unsuitable extinguishing media for safety reasons None known

5.2 Special hazards arising from the substance or mixture

Thermal decomposition No hazardous decomposition is expected.

5.3 Advice for firefighters

Special protective equipment for firefighters Avoid contact with skin by maintaining a safe distance. In the event of fire in the surrounding area: wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin.

6.2 Environmental precautions

Do not allow to enter surface water or drains.

6.3 Methods and material for containment and cleaning up

Measures in the event of spillage Absorb with liquid-binding material (e.g. sand, silica gel, sawdust).
Binding agents No special damage-mitigation measures are necessary.

6.4 Reference to other sections

Handle absorbed material in accordance with Section 13 "Disposal considerations".

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Information on safe handling Avoid contact with eyes and skin.
Keep workplace and equipment clean.
Ensure good ventilation in workspace.
Protective and hygiene measures Do not eat, drink or smoke in the area of use.
Wash hands before breaks and after finishing work.
Change contaminated clothing.
Take off lab coat before entering rooms where food is consumed.

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7.2 Conditions for safe storage, including any incompatibilities

Storage	Store at +2 to +8°C.
Storage class	12 = Non-combustible liquids
Prohibition on joint storage	None

7.3 Specific end uses Laboratory diagnostics

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Maximum allowable concentration Contains no substances with occupational exposure limits

8.2 Exposure controls in the workplace

Respiratory protection	None
Eye protection	Safety goggles with side shield
Body protection	Lab coat
Hand protection	Disposable gloves in accordance with EN 374; clean gloves with soap and water before removing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Form: liquid Colour: colourless
Odour	Odourless
Odour threshold	No data available
pH value	No data available
Melting point/freezing point	Approx. 0°C
Initial boiling point and boiling range	Approx. 100°C
Flash point/range	No data available
Evaporation rate	No data available
Flammability	The product is not spontaneously flammable
Explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	No data available
Solubility in water	Fully miscible

9.2 Other information

Further details No data available

SECTION 10: Stability and reactivity

10.1 Reactivity No known hazardous reactions

10.2 Chemical stability Stable under normal storage conditions

10.3 Possibility of hazardous reactions No known hazardous reactions

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|--|-----------------------------|
| 10.4 Conditions to avoid | Protect from heat/sunlight. |
| 10.5 Incompatible materials | Strong acids and bases |
| 10.6 Hazardous decomposition products | Not normally expected |

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity	No data is available for the product.
Primary irritant effect on the skin	No irritation
on the eye	Slight irritation
Respiratory or skin sensitisation	No known sensitising effect
Germ cell mutagenicity	No data available
Carcinogenicity	Contains no constituents classified as carcinogenic.
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	No data available

SECTION 12: Ecological information

- | | |
|--|--|
| 12.1 Toxicity | |
| Aquatic toxicity | No data is available for the product.
Do not allow to enter surface water or drains |
| 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 | Not applicable |
| 12.6 Other adverse effects | No data available |
| Further information | No known or expected environmental hazards if used in accordance with the regulations. |

SECTION 13: Disposal considerations

- | | |
|-------------------------------------|---|
| 13.1 Waste treatment methods | |
| Product | 160506: Laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals. |
| Waste code | Hazardous waste. Disposal according to statutory regulations. |
| Packaging | 160505: Disposal according to statutory regulations. |
| Waste code | Non-contaminated and completely emptied packages may be recycled. |

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SECTION 14: Transport information

- | | |
|--|---|
| 14.1 UN number | Not classified as a hazardous material |
| 14.2 UN proper shipping name
ADR/RID, IMDG, IATA | Not classified as a hazardous material |
| 14.3 Transport hazard classes | Not classified as a hazardous material |
| 14.4 Packing group | Not classified as a hazardous material |
| 14.5 Environmental hazards | Not classified as a hazardous material |
| 14.6 Special precautions for user | Not a hazardous material within the meaning of ADR/RID, ADNR, IMDG Code, IATA-DGR |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- EU regulations**
Labelling
(EC Regulation 1272/2008)
- The mixture is classified as non-hazardous.
- National regulations**
Germany
Storage class
Water hazard class
- 12 = Non-combustible liquids
1 = Slightly hazardous to water
- 15.2 Chemical safety assessment**
- No chemical safety assessments have been performed for substances in this mixture.

SECTION 16: Other information

Reasons for last changes

General reworking
Classification in accordance with
Regulation (EC) 1272/2008

The above details are based on our current state of knowledge. However, they do not guarantee compliance with specific characteristics in the sense of a legally binding commitment.