



## Safety data sheet

pursuant to (EU) regulation no. 1907/2006 and  
(EU) regulation no. 453/2010 (REACH)

Trade name (product 1): **Calcium / magnesium control**  
Material number: CA QS  
Created on: 10.05.2015  
Version: 1.1

Page 1 of 5

---

### SECTION 1: Name of the substance or mixture and the company

#### 1.1 Product identifier

Trade name Calcium / magnesium control  
Mat. no. CA QS

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

General use Reagent for in-vitro diagnostics  
For professional use only

#### 1.3 Details of the supplier of the safety data sheet

Firm 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: Possible dangers

#### 2.1 Classification of the substance or mixture

The CA QS kit contains a bottle with control solution (=mixture).

#### Classification pursuant to EU regulation 1272/2008 (CLP)

The mixture is not classified as dangerous.

#### 2.2 Labelling elements None

#### 2.3 Other dangers None known

### SECTION 3: Composition / specifications of constituents

#### 3.1 Substances Not applicable

#### 3.2 Mixtures

Chemical characterisation Aqueous solution  
Dangerous constituents Does not contain any hazardous substances in quantities that require reporting in this section pursuant to the applicable EU law.  
Additional information Contains 0.2% hydrochloric acid

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General information Remove contaminated clothing immediately.  
After inhalation Move affected person into fresh air.  
After contact with skin Wash affected areas with water.  
After contact with eyes Immediately rinse open eyes thoroughly for several minutes under running water.  
Consult a doctor if problems occur.  
After swallowing Wash out mouth with water immediately and drink a glass of water. Do not attempt to induce vomiting.



## Safety data sheet

pursuant to (EU) regulation no. 1907/2006 and  
(EU) regulation no. 453/2010 (REACH)

Trade name (product 1): **Calcium / magnesium control**  
Material number: CA QS  
Created on: 10.05.2015  
Version: 1.1

Page 2 of 5

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms None known or expected

### 4.3 Indication of any immediate medical attention of special treatment needed

Treatment No information available

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing agents

Suitable extinguishing agents No restriction  
The liquid is not flammable. Adapt extinguishing measures to suit the environment.

Unsuitable extinguishing agents for safety reasons None known

### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition No hazardous decomposition can be expected.

### 5.3 Fire-fighting information

Special protective equipment for fire-fighting Prevent skin contact by keeping a safe distance. In the event of ambient fire: wear breathing apparatus with own air supply.

## SECTION 6: Measures in the event of unintentional release

### 6.1 Person-related safety precautions, protective equipment and procedure in the event of emergencies

Avoid contact with eyes or skin.

### 6.2 Environmental protection measures

Do not allow the product to enter surface water or sewer system.

### 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 Special precautions to restrict damage are not 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 for safe handling Avoid contact with eyes and skin.  
Keep workplace and devices clean.  
Ventilate the working area well.  
Protective and hygienic measures Do not eat, drink or smoke in the application area.  
Wash hands before breaks and after work.  
Change contaminated clothing.  
Remove laboratory coat before entering rooms in which people eat.

### 7.2 Conditions for safe storage, including any incompatibilities

Storage Store at room temperature (+15 °C to +25 °C).

Storage category 12 = non-combustible liquids  
Ban on combined storage None



## Safety data sheet

pursuant to (EU) regulation no. 1907/2006 and  
(EU) regulation no. 453/2010 (REACH)

Trade name (product 1): **Calcium / magnesium control**  
Material number: CA QS  
Created on: 10.05.2015  
Version: 1.1

Page 3 of 5

**7.3 Specific end-uses** Laboratory diagnostics

### SECTION 8: Limitation and monitoring of exposure / personal protective equipment

#### 8.1 Parameters for monitoring

MAC value Contains no substances with workplace limits

#### 8.2 Limitation and monitoring of exposure at the workplace

Breathing protection None  
Eye protection Protective glasses with side protection  
Body protection Laboratory coat  
Hand protection Disposable gloves pursuant to EN 374, clean gloves with water and soap 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 2.5 - 3.0  
Melting point / freezing point Approx. 0 °C  
Boiling point / boiling range Approx. 100 °C  
Flashpoint / flash range No data available  
Evaporation rate No data available  
Flammability The product is not auto-flammable  
Explosive limits No data available  
Vapour pressure No data available  
Vapour density No data available  
Density No data available  
Solubility in water Completely soluble

#### 9.2 Miscellaneous information

Other information No data available

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No hazardous reactions known  
**10.2 Chemical stability** Stable under normal storage conditions  
**10.3 Risks of hazardous reactions** No hazardous reactions known  
**10.4 Conditions to avoid** Protect against heat / direct sunlight  
**10.5 Incompatible materials** Strong acids and bases  
**10.6 Dangerous decomposition products** None can normally be expected



## Safety data sheet

pursuant to (EU) regulation no. 1907/2006 and  
(EU) regulation no. 453/2010 (REACH)

Trade name (product 1): **Calcium / magnesium control**  
Material number: CA QS  
Created on: 10.05.2015  
Version: 1.1

Page 4 of 5

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Acute toxicity	No data available for the product.
Primary irritant effect to the skin	Slight irritations
to the eye	Slight irritations
Sensitisation of the respiratory tracts/skin	No sensitisation effect known.
Germ cell mutagenicity	No data available
Carcinogenicity	Contains no constituents classified as carcinogenic.
Reproductive toxicity	No data available
Specific target organ toxicity after a single exposure	No data available
Specific target organ toxicity after repeated exposure	No data available
Aspiration toxicity	No data available

### SECTION 12: Environmental information

#### 12.1 Toxicity

Aquatic toxicity	No data available for the product. Do not allow the product to enter surface water or sewer system.
------------------	--

**12.2 Persistence and degradability** No data available

**12.3 Bioaccumulation potential** No data available

**12.4 Mobility in soil** No data available

**12.5 Results of the PBT and vPvB assessment** Not applicable

**12.6 Other hazardous effects** No data available

Additional information No environmental hazards are known or to be expected in normal use.

### SECTION 13: Disposal information

#### 13.1 Waste disposal procedure

<b>Product</b>	160506: Laboratory chemicals consisting of or containing dangerous substances, including mixtures of laboratory chemicals.
Waste code	Hazardous waste. Disposal in accordance with official regulations.
<b>Packaging</b>	160505: Disposal in accordance with official regulations.
Waste code	Untaminated and completely emptied packaging may be recycled.



## Safety data sheet

pursuant to (EU) regulation no. 1907/2006 and  
(EU) regulation no. 453/2010 (REACH)

Trade name (product 1): **Calcium / magnesium control**  
Material number: CA QS  
Created on: 10.05.2015  
Version: 1.1

Page 5 of 5

---

### SECTION 14: Transport information

<b>14.1 UN number</b>	Not classified as a hazardous good
<b>14.2 UN proper shipping name</b> ADR/RID, IMDG, IATA	Not classified as a hazardous good
<b>14.3 Transport hazard classifications</b>	Not classified as a hazardous good
<b>14.4 Packaging group</b>	Not classified as a hazardous good
<b>14.5 Environmental hazards</b>	Not classified as a hazardous good
<b>14.6 Special precautions for the user</b>	No hazardous good pursuant to ADR/RID, ADNR, IMDG code, IATA-DGR
<b>14.7 Transport in bulk according to Annex II of the MARPOL Agreement 73/78 and the IBC code</b>	Not applicable

### SECTION 15: Legal regulations

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>EU regulations</b>	The mixture is not classified as dangerous.
Labelling (EU regulation 1272/2008)	
<b>National regulations</b>	
Germany	
Storage category	12 = non-combustible liquids
Water hazard classification	0 = not generally hazardous for water
<b>15.2 Chemical safety assessment</b>	Chemical safety assessments were not conducted for substances of this mixture.

### SECTION 16: Miscellaneous information

The above information is based on the current state of our knowledge. However, it is no assurance of certain product properties in the sense of legal validity.