

# Safety Data Sheet

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



Trade name: **NEFA Control**  
Stock number: NEFA QS  
Created on: 5 Dec 2016  
Version: 1.1

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

### 1.1 Product identifier

Trade name NEFA Control  
Stock no. NEFA 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 number +49 (0)30 / 6576-2597 (during normal business hours)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The NEFA 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 occur, 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<br>Colour: colourless         |
| Odour                                   | Odourless                                  |
| Odour threshold                         | No data available                          |
| pH value                                | 6.5–6.7                                    |
| 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

10.4 Conditions to avoid Protect from heat/sunlight.

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- 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.<br>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

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

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## SECTION 14: Transport information

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

## SECTION 15: Regulatory information

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

## SECTION 16: Other information

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.