

GLDH DGKC Material number: 01 00023

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**1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Name of product: GLDH DGKC R1  
as part of the kits: 01 00023 XX XX XXXX  
(The positions X code different packages.)

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

Reagent for in-vitro diagnostics in human samples

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

Company name: DiaSystem Scandinavia AB  
Street/POB-No.: Datorgatan 3  
State/city/postal code: 561 33 Jönköping  
Sweden  
World Wide Web: <http://www.diasystem.se>  
Email: [info@diasystem.se](mailto:info@diasystem.se)  
Telephone: +46 (0) 36 12 62 20  
Telefax: +46 (0) 36 18 77 30  
Dept. responsible for information:  
DiaSystem, Telephone: +46 (0) 36 12 62 20

**1.4 Emergency telephone number**

Giftinformationscentralen, Telephone +46 112

**2. Hazards identification****2.1 Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP)**

This mixture is classified as not hazardous.

**2.2 Label elements****Labelling (CLP)**

Hazard statements: not applicable  
Precautionary statements: not applicable

**2.3 Other hazards**

No risks worthy of mention.

Results of PBT and vPvB assessment:

No data available

**3. Composition/information on ingredients**

3.1 Substances: not applicable

**3.2 Mixtures**

Chemical characterization: Aqueous solution of inorganic salts and organic compounds.  
Additional information: Contains triethanolamine. The maximum workplace exposure limits are, where necessary, listed in section 8. Contains Sodium azide (0.95 g/L) as preservative.

**4. First aid measures****4.1 Description of first aid measures**

In case of inhalation: Provide fresh air.  
Following skin contact: Change contaminated clothing. Immediately clean with water and soap followed by thorough rinsing. Seek medical treatment in case of troubles.

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After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing: Rinse mouth thoroughly with water. Induce vomiting. Do not induce vomiting without medical advice. Have victim drink large quantities of water, with active charcoal if possible. Seek medical attention.

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

In case of eye contact: May cause irritations.

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

Treat symptomatically.

### 5. Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media:

Product is non-combustible. Extinguishing materials should therefore be elected according to surroundings.

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

In the event of a fire, the following may be produced when the water evaporates: Nitrogen oxides (NOx).

#### 5.3 Advice for firefighters

Special protective equipment for firefighters:

In case of surrounding fires: Wear self-contained breathing apparatus.

Additional information:

Hazchem-Code:

Do not allow fire water to penetrate into surface or ground water.

### 6. Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear appropriate protective equipment. Provide adequate ventilation.

#### 6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

#### 6.3 Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder. Store in special closed containers and dispose of according to ordinance. Wash spill area with plenty of water.

#### 6.4 Reference to other sections

Refer additionally to section 8 and 13

### 7. Handling and storage

#### 7.1 Precautions for safe handling

Advices on safe handling: Avoid contact with skin and eyes. Provide adequate ventilation. Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Have eye wash bottle or eye rinse ready at work place.

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

Requirements for storerooms and containers:

Keep containers tightly closed and at a temperature between 2 °C and 8 °C. Protect from light.

Hints on joint storage:

Do not store together with: acids, alkalis Keep away from food, drink and animal feedingstuffs.

#### 7.3 Specific end use(s)

No information available.

### 8. Exposure controls / Personal protection equipment

#### 8.1 Control parameters

**EU SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2015/830

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## Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
102-71-6	Triethanolamine	Ireland: 8 hours	5 mg/m <sup>3</sup>

**8.2 Exposure controls**

Provide adequate ventilation, and local exhaust as needed.

**Personal protection equipment****Occupational exposure controls**

Respiratory protection:	Respiratory protection must be worn whenever the WEL levels have been exceeded. Use filter type ABEK according to EN 14387.
Hand protection:	Protective gloves according to EN 374. Glove material: Nitrile rubber-Breakthrough time: >480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Tightly sealed goggles according to EN 166
Body protection:	Wear suitable protective clothing.
General protection and hygiene measures:	Change contaminated clothing. Avoid contact with skin and eyes. Wash hands before breaks and after work. When using do not eat or drink.

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Colour: colourless, clear
Odour:	weak amine-like
Odour threshold:	No data available
pH value:	at 25 °C: 8.0
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	not combustible
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Density:	at 20 °C: 1.006 g/mL
Water solubility:	completely miscible
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	No data available
Oxidizing characteristics:	No data available

**9.2 Other information**

Additional information: No data available

**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 hazardous reactions known.

**10.4 Conditions to avoid**

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Protect against heat /sun rays.

### 10.5 Incompatible materials

acids, alkalis

### 10.6 Hazardous decomposition products

No decomposition when used properly.

Thermal decomposition:

No data available

## 11. Toxicological information

### 11.1 Information on toxicological effects

Toxicological effects:

Acute toxicity (oral): Lack of data.  
Acute toxicity (dermal): Lack of data.  
Acute toxicity (inhalative): Lack of data.  
Skin corrosion/irritation: Lack of data.  
Serious eye damage/irritation: Based on available data, the classification criteria are not met. May cause irritations.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Lack of data.  
Germ cell mutagenicity/Genotoxicity: Lack of data.  
Carcinogenicity: Lack of data.  
Reproductive toxicity: Lack of data.  
Effects on or via lactation: Lack of data.  
Specific target organ toxicity (single exposure): Lack of data.  
Specific target organ toxicity (repeated exposure): Lack of data.  
Aspiration hazard: Lack of data.

Other information:

Contains Sodium azide (0.95 g/L): After resorption of toxic quantities: headache, dizziness, nausea, cough, vomiting, spasms, breathing paralysis, CNS disorders, low blood pressure, cardiovascular failure, unconsciousness, collapse.

## 12. Ecological information

### 12.1 Toxicity Further details:

No data available

### 12.2. Persistence and degradability

Further details: No data available

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

General information:

Do not allow to enter into ground-water, surface water or drains.

## 13. Disposal considerations

### 13.1 Waste treatment method

#### Product

Waste key number 160506\* = Laboratory chemicals consisting of or containing dangerous substances including mixtures of laboratory chemicals.

\* = Evidence for disposal must be provided.

Recommendation: Special waste. Waste disposal according to official state regulations.

### Contaminated packaging

Waste key number 150102 = Plastic packaging.

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Recommendation: Waste disposal according to official state regulations.  
Cleaned containers may be recycled.

### **14. Transport information**

#### **14.1 UN number**

ADR/RID, IMDG, IATA-DGR: not applicable

#### **14.2 UN proper shipping name**

ADR/RID, IMDG, IATA-DGR: Not restricted

#### **14.3 Transport hazard class(es)**

ADR/RID, IMDG, IATA-DGR: not applicable

#### **14.4 Packing group**

ADR/RID, IMDG, IATA-DGR: not applicable

#### **14.5 Environmental hazards**

Marine pollutant: no

#### **14.6 Special precautions for user**

No dangerous good in sense of these transport regulations.

#### **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available

### **15. Other information**

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

##### **National regulations - Great Britain**

Hazchem-Code: No data available

#### **15.2 Chemical Safety Assessment**

For this substance a chemical safety assessment is not required.

### **16. Other information**

#### **Further information**

Reason of change:

General revision (Regulation (EU) No 2015/830)

Date of first version: 2020-02-01

#### **Department issuing data sheet**

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.