

GGT R2 - Material number: 01 00022

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

Name of product: GGT Reagent R2  
as part of the kits: 01 00022 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 with organic materials  
Additional information: Preparation does not contain dangerous substances above limits that need to be mentioned in this section according to applicable legislation.  
Contains Sodium azide (0.95 g/L) as preservative

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

In case of inhalation: Provide fresh air. If you feel unwell, seek medical advice.  
Following skin contact: Change contaminated clothing. Remove residues with water. In case of skin reactions, consult a physician.  
After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.  
Subsequently consult an ophthalmologist.  
After swallowing: Rinse mouth thoroughly with water. Induce vomiting.  
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**

After eye contact: mild irritant

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

Treat symptomatically.

**5. Fire fighting 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**

Fires in the immediate vicinity may cause the development of dangerous vapours.

**5.3 Advice for firefighters**

Special protective equipment for firefighters:

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. Do not breathe vapours. In enclosed areas: Provide fresh air.

**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. Keep all containers, equipment and working place clean.  
Provide adequate ventilation, and local exhaust as needed.  
Wear appropriate protective equipment.

**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.

Do not freeze. Keep sterile.

Hints on joint storage: Do not store together with: Acids, alkalis.

**7.3 Specific end use(s)**

No information available.

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**8. Exposure controls / Personal protection equipment****8.1 Control parameters**

Additional information: Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

Provide good ventilation and/or an exhaust system in the work area.

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

Respiratory protection: If vapours form, use respiratory protection.

Use filter type A (= against vapours of organic substances) 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:

Avoid contact with skin and eyes. Change contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink or smoke.

**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: yellowish, clear

Odour: odourless

Odour threshold: No data available

pH value: at 25 °C: 6.0

Melting point/freezing point: approx. 0 °C

Initial boiling point and boiling range: approx. 100 °C

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: 1.003 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**

refer to 10.3

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known.

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#### 10.4 Conditions to avoid

Protect against heat /sun rays.

#### 10.5 Incompatible materials

Acids, alkalis

#### 10.6 Hazardous decomposition products

No hazardous decomposition products when regulations for storage and handling are observed.

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.  
Eye damage/irritation: Lack of data.  
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.

#### Symptoms

Other information:

After eye contact: mild irritant  
Contains Sodium azide (0.95 g/L):  
After eye contact: mild irritant

### 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.

**EU SAFETY DATA SHEET**

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

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**Contaminated packaging**

Waste key number 150102 = Plastic packaging.  
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: 2011-07-01

**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.