

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Glucose (GO) Assay Kit

Product Number : GAGO20  
Brand : Sigma

Supplier : Sigma-Aldrich  
3050 Spruce Street  
SAINT LOUIS MO 63103  
USA

Telephone : +1 800-325-5832  
Fax : +1 800-325-5052  
Emergency Phone # (For both supplier and manufacturer) : (314) 776-6555

Preparation Information : Sigma-Aldrich Corporation  
Product Safety - Americas Region  
1-800-521-8956

This is a summary MSDS for a kit, for the full MSDS for each of the components listed in section 16 please visit our website.

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

##### OSHA Hazards

Target Organ Effect, Harmful by ingestion., Carcinogen

##### GHS Classification

Acute toxicity, Oral (Category 4)

Carcinogenicity (Category 1B)

##### GHS Label elements, including precautionary statements

Pictogram



Signal word : Danger

Hazard statement(s)

H302 : Harmful if swallowed.

H350 : May cause cancer.

Precautionary statement(s)

P201 : Obtain special instructions before use.

P308 + P313 : IF exposed or concerned: Get medical advice/ attention.

#### HMIS Classification

Health hazard: 1

Chronic Health Hazard: \*

Flammability: 0

Physical hazards: 0

#### NFPA Rating

Health hazard: 1

Fire: 0

Reactivity Hazard: 0

## Potential Health Effects

**Inhalation**  
**Skin**  
**Eyes**  
**Ingestion**

May be harmful if inhaled. May cause respiratory tract irritation.  
Harmful if absorbed through skin. May cause skin irritation.  
May cause eye irritation.  
Harmful if swallowed.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Refer to component MSDS

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### 4. FIRST AID MEASURES

Refer to component MSDS

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### 5. FIREFIGHTING MEASURES

Refer to component MSDS

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### 6. ACCIDENTAL RELEASE MEASURES

Refer to component MSDS

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### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.  
Normal measures for preventive fire protection.

#### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: 2 - 8 °C

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Refer to component MSDS

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to component MSDS

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### 10. STABILITY AND REACTIVITY

Refer to component MSDS

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### 11. TOXICOLOGICAL INFORMATION

Refer to component MSDS

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### 12. ECOLOGICAL INFORMATION

Refer to component MSDS

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### 13. DISPOSAL CONSIDERATIONS

Refer to component MSDS

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### 14. TRANSPORT INFORMATION

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

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## 15. REGULATORY INFORMATION

### OSHA Hazards

Target Organ Effect, Harmful by ingestion., Carcinogen

### SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

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## 16. OTHER INFORMATION

### Kit Components:

|                                 |       |       |  |
|---------------------------------|-------|-------|--|
| Glucose oxidase/oxidase reagent | SIGMA | G3660 | No known OSHA hazards                                  |
| o-Dianisidine dihydrochloride   | SIAL  | D2679 | Target Organ Effect, Harmful by ingestion., Carcinogen |
| D-(+)-Glucose solution          | FLUKA | G3285 | No known OSHA hazards                                  |

### Further information

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