

## Kit identification

Product name : D-Fructose/D-Glucose Assay Kit (Liquid Ready)  
 Product code : K-FGLQR  
 Part Number(s) : 700007621

## Details of the supplier of the Kit safety information sheet

Megazyme  
 Bray Business Park  
 Bray County Wicklow A98 YV29  
 Ireland  
 T +353 12861220 - F +353 12861264  
[cs@megazyme.com](mailto:cs@megazyme.com) - [www.megazyme.com](http://www.megazyme.com)

## General information

General description : This is a test kit that is comprised of several individual components, listed below, each of which may have its own Safety Data Sheet (SDS). Articles, and otherwise immobilized and inaccessible chemicals, do not have a Safety Data Sheet in this packet.

## Kit contents

Name	GHS classification
D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)	Skin Irrit. 3, H316 Skin Sens. 1, H317
D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)	Acute Tox. 5 (Dermal), H313
D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)	Not classified
D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 4)	Not classified

## Transport information

In accordance with ADG / IMDG / IATA

ADG	IMDG	IATA
<b>UN number</b>		
Not applicable	Not applicable	Not applicable
<b>UN Proper Shipping Name</b>		
Not applicable	Not applicable	Not applicable
<b>Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable

# D-Fructose/D-Glucose Assay Kit (Liquid Ready)

## Kit Safety Information Sheet (SIS)

ADG	IMDG	IATA
<b>Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>Environmental hazards</b>		
Not applicable	Not applicable	Not applicable

### Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### Additional information

Other information : No supplementary information available

### Transport by road and rail

Not applicable

### Transport by sea

Not applicable

### Air transport

Not applicable

### Hazchem or Emergency Action Code

Hazchem Code : Not applicable



# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)

## Safety Data Sheet

according to the WHS Regulations

Issue date: 12/09/2025 Revision date: 12/09/2025 Supersedes: 12/09/2025 Version: 2.2

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## Safety Data Sheet

according to the WHS Regulations  
Issue date: 12/09/2025 Revision date: 12/09/2025 Supersedes: 12/09/2025 Version: 2.2

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)  
Product code : K-FGLQR (Bottle 1)

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

No additional information available

#### 1.4. Details of manufacturer or importer

Megazyme  
Bray Business Park  
Bray County Wicklow A98 YV29  
Ireland  
T +353 12861220 - F +353 12861264  
[cs@megazyme.com](mailto:cs@megazyme.com) - [www.megazyme.com](http://www.megazyme.com)

#### 1.5. Emergency phone number

Emergency number : +353 12861220 [9 am to 5 pm GMT - Monday to Friday]

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Not classified

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

Unknown acute toxicity (GHS AU) : 4.84% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
99.22% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
99.22% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation  
(Dust/Mist))

#### 2.3. Other hazards which do not result in classification

No additional information available

### SECTION 3: Composition and information on ingredients

This mixture does not contain any substances to be mentioned according to the applicable regulations

### SECTION 4: First aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures general : If you feel unwell, seek medical advice.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)

## Safety Data Sheet

according to the WHS Regulations

Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Symptoms caused by exposure

Symptoms/effects after inhalation : None under normal conditions.  
Symptoms/effects after skin contact : None under normal conditions.  
Symptoms/effects after eye contact : None under normal conditions.  
Symptoms/effects after ingestion : None under normal conditions.

### 4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.  
Explosion hazard : No direct explosion hazard.  
General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.  
Absorb spillage to prevent material damage.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.  
Absorb spillage to prevent material damage.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Take up liquid spill into absorbent material.

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)

## Safety Data Sheet

according to the WHS Regulations

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep cool. Protect from sunlight.  
Packaging materials : Store always product in container of same material as original container.

### SECTION 8: Exposure controls and personal protection

#### 8.1. Control parameters - exposure standards

No additional information available

#### 8.2. Monitoring methods

No additional information available

#### 8.3. Engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.

#### 8.4. Individual protection measures, such as personal protective equipment (PPE)

- Personal protective equipment : Wear recommended personal protective equipment.  
Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



- Environmental exposure controls : Avoid release to the environment.

### SECTION 9: Physical and chemical properties

- Physical state : Liquid  
Appearance : No data available  
Colour : Mixture contains one or more component(s) which have the following colour(s):  
Colourless to white Off-white to light yellow  
Odour : Odour threshold is subjective and inadequate to warn for overexposure.  
Mixture contains one or more component(s) which have the following odour:  
Odourless Characteristic odour Mild odour  
Odour threshold : No data available  
pH : No data available  
pH solution : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point / Freezing point : Melting point: Not applicable  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
Flammability : No data available  
Vapour pressure : No data available  
Relative density : No data available

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)

## Safety Data Sheet

according to the WHS Regulations

Density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Fat solubility	: No data available

### SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Unknown acute toxicity (GHS AU)	: 4.84% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 99.22% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 99.22% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

#### 12.2. Persistence and degradability

##### D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)

Persistence and degradability	Not rapidly degradable
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#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)

## Safety Data Sheet

according to the WHS Regulations

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

### D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)

Fluorinated greenhouse gases	False
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## SECTION 13: Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

ADG	IMDG	IATA
<b>14.1. UN number</b>		
Not applicable	Not regulated	Not regulated
<b>14.2. UN Proper Shipping Name</b>		
Not applicable	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not applicable	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not applicable	Not regulated	Not regulated

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

#### Transport by road and rail

Not applicable

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 1)

## Safety Data Sheet

according to the WHS Regulations

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations

##### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS : All the chemicals contained in this product are listed introductions Inventory) status

##### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

No additional information available

##### Australian Pesticides and Veterinary Medicines Authority (APVMA)

No additional information available

#### 15.2. International agreements

No additional information available

### SECTION 16: Other information

Revision date : 12/09/2025

#### Classification

Not classified

Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

**Safety Data Sheet**

according to the WHS Regulations  
Issue date: 12/09/2025 Revision date: 12/09/2025 Supersedes: 12/09/2025 Version: 2.1

**SECTION 1: Product identifier**

**1.1. GHS Product identifier**

Product form : Mixture  
Product name : D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)  
Product code : K-FGLQR (Bottle 2)

**1.2. Other means of identification**

No additional information available

**1.3. Recommended use of the chemical and restrictions on use**

No additional information available

**1.4. Details of manufacturer or importer**

Megazyme  
Bray Business Park  
Bray County Wicklow A98 YV29  
Ireland  
T +353 12861220 - F +353 12861264  
[cs@megazyme.com](mailto:cs@megazyme.com) - [www.megazyme.com](http://www.megazyme.com)

**1.5. Emergency phone number**

Emergency number : +353 12861220 [9 am to 5 pm GMT - Monday to Friday]

**SECTION 2: Hazard identification**

**2.1. Classification of the hazardous chemical**

**Classification according to the model Work Health and Safety Regulations (WHS Regulations)**

Skin corrosion/irritation, Category 3 H316  
Skin sensitisation, Category 1 H317

**2.2. GHS Label elements, including precautionary statements**

Hazard pictograms (GHS AU) :



Exclamation  
mark

Signal word (GHS AU) : Warning  
Contains : 3-Morpholinopropanesulfonic acid ( $\geq 1 - < 5\%$ )  
Hazard statements (GHS AU) : H316 - Causes mild skin irritation  
H317 - May cause an allergic skin reaction  
Precautionary statements (GHS AU) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)

## Safety Data Sheet

according to the WHS Regulations

Unknown acute toxicity (GHS AU) : 1.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
99.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
99.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
3-Morpholinopropanesulfonic acid	1132-61-2	≥ 1 – < 5	Acute Tox. 5 (Oral), H303 Skin Corr./Irrit. Not classified Eye Irrit. 2A, H319 Skin Sens. 1, H317 STOT SE 3, H335
Other substances (not contributing to the classification of this product)	-	95 – 99	-

## SECTION 4: First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : If you feel unwell, seek medical advice.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.  
Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Symptoms caused by exposure

Symptoms/effects after inhalation : None under normal conditions.  
Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.  
Symptoms/effects after eye contact : None under normal conditions.  
Symptoms/effects after ingestion : None under normal conditions.

### 4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.  
Explosion hazard : No direct explosion hazard.  
General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.  
Absorb spillage to prevent material damage.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)

## Safety Data Sheet

according to the WHS Regulations

### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and materials for containment and cleaning up

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- Methods for cleaning up : Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Keep cool. Protect from sunlight.
- Packaging materials : Store always product in container of same material as original container.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

No additional information available

### 8.2. Monitoring methods

No additional information available

### 8.3. Engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)

## Safety Data Sheet

according to the WHS Regulations

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment	: Wear recommended personal protective equipment.
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



Environmental exposure controls	: Avoid release to the environment.
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### SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Mixture contains one or more component(s) which have the following colour(s): White to off-white White Off-white to light yellow Colourless to white
Odour	: Odour threshold is subjective and inadequate to warn for overexposure. Mixture contains one or more component(s) which have the following odour: Odourless Characteristic odour Mild odour
Odour threshold	: No data available
pH	: No data available
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point: Not applicable
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Flammability	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Fat solubility	: No data available

### SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)

## Safety Data Sheet

according to the WHS Regulations

### 3-Morpholinopropanesulfonic acid (1132-61-2)

LD50 oral rat	> 2000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Male / female, Experimental value, Oral)
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Unknown acute toxicity (GHS AU) : 1.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
99.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
99.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Skin corrosion/irritation : Causes mild skin irritation.  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitization : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified

### 3-Morpholinopropanesulfonic acid (1132-61-2)

Reproductive toxicity	Not classified
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STOT-single exposure : Not classified

### 3-Morpholinopropanesulfonic acid (1132-61-2)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Not classified

### 3-Morpholinopropanesulfonic acid (1132-61-2)

NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
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Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

### 3-Morpholinopropanesulfonic acid (1132-61-2)

LC50 - Fish [1]	> 1000 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna
Partition coefficient n-octanol/water (Log Pow)	-2.58 (Estimated value, KOWWIN)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
LD50 oral rat	> 2000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Male / female, Experimental value, Oral)

### 12.2. Persistence and degradability

#### D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)

Persistence and degradability	Not rapidly degradable
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#### 3-Morpholinopropanesulfonic acid (1132-61-2)

Persistence and degradability	Not readily biodegradable in water.
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# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)

## Safety Data Sheet

according to the WHS Regulations

### 12.3. Bioaccumulative potential

#### 3-Morpholinopropanesulfonic acid (1132-61-2)

Partition coefficient n-octanol/water (Log Pow)	-2.58 (Estimated value, KOWWIN)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Bioaccumulative potential	Not bioaccumulative.

### 12.4. Mobility in soil

#### 3-Morpholinopropanesulfonic acid (1132-61-2)

Ecology - soil	Highly mobile in soil.
Partition coefficient n-octanol/water (Log Pow)	-2.58 (Estimated value, KOWWIN)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

#### D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)

Fluorinated greenhouse gases	False
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#### 3-Morpholinopropanesulfonic acid (1132-61-2)

Fluorinated greenhouse gases	False
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## SECTION 13: Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

ADG	IMDG	IATA
<b>14.1. UN number</b>		
Not applicable	Not regulated	Not regulated
<b>14.2. UN Proper Shipping Name</b>		
Not applicable	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not applicable	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not applicable	Not regulated	Not regulated

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)

## Safety Data Sheet

according to the WHS Regulations

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

#### Transport by road and rail

Not applicable

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS Inventory) status : Contains substance(s) listed on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

#### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

No additional information available

#### Australian Pesticides and Veterinary Medicines Authority (APVMA)

No additional information available

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 12/09/2025

### Classification

Skin Irrit. 3	H316
Skin Sens. 1	H317

### Full text of H-statements

Acute Tox. 5 (Oral)	Acute toxicity (oral), Category 5
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Corr./Irrit. Not classified	Skin corrosion/irritation Not classified
Skin Irrit. 3	Skin corrosion/irritation, Category 3
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H303	May be harmful if swallowed
H316	Causes mild skin irritation

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 2)

## Safety Data Sheet

according to the WHS Regulations

Full text of H-statements	
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation

Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

## Safety Data Sheet

according to the WHS Regulations  
Issue date: 12/09/2025 Revision date: 12/09/2025 Supersedes: 12/09/2025 Version: 1.2

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)  
Product code : K-FGLQR (Bottle 3)

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

No additional information available

#### 1.4. Details of manufacturer or importer

Megazyme  
Bray Business Park  
Bray County Wicklow A98 YV29  
Ireland  
T +353 12861220 - F +353 12861264  
[cs@megazyme.com](mailto:cs@megazyme.com) - [www.megazyme.com](http://www.megazyme.com)

#### 1.5. Emergency phone number

Emergency number : +353 12861220 [9 am to 5 pm GMT - Monday to Friday]

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Acute toxicity (dermal), Category 5 H313

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

Signal word (GHS AU) : Warning  
Contains : HEPES ( $\geq 1 - < 5$  %)  
Hazard statements (GHS AU) : H313 - May be harmful in contact with skin  
Precautionary statements (GHS AU) : P312 - Call a POISON CENTER or doctor if you feel unwell.  
Unknown acute toxicity (GHS AU) : 96.47% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
98.85% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation  
(Dust/Mist))

#### 2.3. Other hazards which do not result in classification

No additional information available

### SECTION 3: Composition and information on ingredients

This mixture does not contain any substances to be mentioned according to the applicable regulations

### SECTION 4: First aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)

## Safety Data Sheet

according to the WHS Regulations

First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
Self protection of the first-aider	: First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: May be harmful in contact with skin.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

### 4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
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#### 6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. Avoid contact with skin, eyes and clothing.

#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and materials for containment and cleaning up

For containment	: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	: Take up liquid spill into absorbent material.

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)

## Safety Data Sheet

according to the WHS Regulations

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Keep cool. Protect from sunlight.
- Packaging materials : Store always product in container of same material as original container.

### SECTION 8: Exposure controls and personal protection

#### 8.1. Control parameters - exposure standards

No additional information available

#### 8.2. Monitoring methods

No additional information available

#### 8.3. Engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.

#### 8.4. Individual protection measures, such as personal protective equipment (PPE)

- Personal protective equipment : Wear recommended personal protective equipment.
- Hand protection : Protective gloves
- Eye protection : Safety glasses
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



- Environmental exposure controls : Avoid release to the environment.

### SECTION 9: Physical and chemical properties

- Physical state : Liquid
- Appearance : No data available
- Colour : Mixture contains one or more component(s) which have the following colour(s):  
Colourless-white Unpurified: grey-brown Off-white to light yellow Colourless to white
- Odour : Odour threshold is subjective and inadequate to warn for overexposure.  
Mixture contains one or more component(s) which have the following odour:  
Odourless Characteristic odour Mild odour
- Odour threshold : No data available
- pH : No data available
- pH solution : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point / Freezing point : Melting point: Not applicable
- Boiling point : No data available
- Flash point : No data available
- Auto-ignition temperature : No data available
- Flammability : No data available
- Vapour pressure : No data available

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)

## Safety Data Sheet

according to the WHS Regulations

Relative density	: No data available
Density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Fat solubility	: No data available

### SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: May be harmful in contact with skin.
Acute toxicity (inhalation)	: Not classified

#### D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)

ATE AU (dermal)	3653.04 mg/kg bodyweight
Unknown acute toxicity (GHS AU)	: 96.47% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 98.85% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

#### 12.2. Persistence and degradability

#### D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)

Persistence and degradability	Not rapidly degradable
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#### 12.3. Bioaccumulative potential

No additional information available

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)

## Safety Data Sheet

according to the WHS Regulations

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

### D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)

Fluorinated greenhouse gases	False
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## SECTION 13: Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

ADG	IMDG	IATA
<b>14.1. UN number</b>		
Not applicable	Not regulated	Not regulated
<b>14.2. UN Proper Shipping Name</b>		
Not applicable	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not applicable	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not applicable	Not regulated	Not regulated

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

#### Transport by road and rail

Not applicable

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 3)

## Safety Data Sheet

according to the WHS Regulations

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations

##### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS : All the chemicals contained in this product are listed introductions Inventory) status

##### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

No additional information available

##### Australian Pesticides and Veterinary Medicines Authority (APVMA)

No additional information available

#### 15.2. International agreements

No additional information available

### SECTION 16: Other information

Revision date : 12/09/2025

Classification	
Acute Tox. 5 (Dermal)	H313

Full text of H-statements	
Acute Tox. 5 (Dermal)	Acute toxicity (dermal), Category 5
H313	May be harmful in contact with skin

Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

**Safety Data Sheet**

according to the WHS Regulations  
Issue date: 12/09/2025 Revision date: 12/09/2025 Supersedes: 12/09/2025 Version: 1.1

**SECTION 1: Product identifier**

**1.1. GHS Product identifier**

Product form : Mixture  
Product name : D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 4)  
Product code : K-FGLQR (Bottle 4)

**1.2. Other means of identification**

No additional information available

**1.3. Recommended use of the chemical and restrictions on use**

No additional information available

**1.4. Details of manufacturer or importer**

Megazyme  
Bray Business Park  
Bray County Wicklow A98 YV29  
Ireland  
T +353 12861220 - F +353 12861264  
[cs@megazyme.com](mailto:cs@megazyme.com) - [www.megazyme.com](http://www.megazyme.com)

**1.5. Emergency phone number**

Emergency number : +353 12861220 [9 am to 5 pm GMT - Monday to Friday]

**SECTION 2: Hazard identification**

**2.1. Classification of the hazardous chemical**

**Classification according to the model Work Health and Safety Regulations (WHS Regulations)**

Not classified

**2.2. GHS Label elements, including precautionary statements**

Unknown acute toxicity (GHS AU) : 99.8% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
99.8% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

**2.3. Other hazards which do not result in classification**

No additional information available

**SECTION 3: Composition and information on ingredients**

This mixture does not contain any substances to be mentioned according to the applicable regulations

**SECTION 4: First aid measures**

**4.1. Description of necessary first-aid measures**

First-aid measures general : If you feel unwell, seek medical advice.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.  
Self protection of the first-aiders : First aid workers will be equipped with suitable personal protective equipment.

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 4)

## Safety Data Sheet

according to the WHS Regulations

### 4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

### 4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
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#### 6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and materials for containment and cleaning up

For containment	: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	: Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
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# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 4)

## Safety Data Sheet

according to the WHS Regulations

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep cool. Protect from sunlight.  
Packaging materials : Store always product in container of same material as original container.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

No additional information available

### 8.2. Monitoring methods

No additional information available

### 8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Wear recommended personal protective equipment.  
Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state : Liquid  
Appearance : No data available  
Colour : Mixture contains one or more component(s) which have the following colour(s):  
White to light yellow White Colourless to white  
Odour : Odour threshold is subjective and inadequate to warn for overexposure.  
Mixture contains one or more component(s) which have the following odour:  
Odourless  
Odour threshold : No data available  
pH : No data available  
pH solution : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point / Freezing point : Melting point: Not applicable  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
Flammability : No data available  
Vapour pressure : No data available  
Relative density : No data available  
Density : No data available  
Solubility : No data available  
Partition coefficient n-octanol/water (Log Pow) : No data available  
Explosive properties : No data available  
Explosive limits : No data available

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 4)

## Safety Data Sheet

according to the WHS Regulations

Minimum ignition energy : No data available  
Fat solubility : No data available

### SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.  
Conditions to avoid : None under recommended storage and handling conditions (see section 7).  
Incompatible materials : No additional information available  
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified  
Unknown acute toxicity (GHS AU) : 99.8% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
99.8% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))  
Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### 12.2. Persistence and degradability

##### D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 4)

Persistence and degradability	Not rapidly degradable
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#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 4)

## Safety Data Sheet

according to the WHS Regulations

### D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 4)

Fluorinated greenhouse gases

False

## SECTION 13: Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

ADG	IMDG	IATA
<b>14.1. UN number</b>		
Not applicable	Not regulated	Not regulated
<b>14.2. UN Proper Shipping Name</b>		
Not applicable	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not applicable	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not applicable	Not regulated	Not regulated

### 14.6. Special precautions for user

Specific storage requirement	: No data available
Shock sensitivity	: No data available

### 14.7. Additional information

Other information	: No supplementary information available
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#### Transport by road and rail

Not applicable

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### 14.8. Hazchem or Emergency Action Code

Hazchem Code	: Not applicable
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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS Inventory) status : All the chemicals contained in this product are listed introductions

# D-Fructose/D-Glucose Assay Kit (Liquid Ready) (Bottle 4)

## Safety Data Sheet

according to the WHS Regulations

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### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

No additional information available

### Australian Pesticides and Veterinary Medicines Authority (APVMA)

No additional information available

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 12/09/2025

### Classification

Not classified	
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Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.