SAFETY DATA SHEET



Seahorse XF Glycolysis Stress Test Kit, Part Number 103020-100

Section 1. Identification

Product identifier : Seahorse XF Glycolysis Stress Test Kit, Part Number 103020-100

Part no. (chemical kit) : 103020-100

Part no. : Ducose Not available.

2-deoxyglucose Not available. Oligomycin Not available.

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

Identified uses : For research use only.

 Øucose
 6 x 54.048 mg

 2-deoxyglucose
 6 x 246.24 mg

 Oligomycin
 6 x 16.572 mg

Uses advised against: Not for use in diagnostic procedures (RUO).

Supplier/Manufacturer : Agilent Technologies Australia Pty Ltd

679 Springvale Road

Mulgrave

Victoria 3170, Australia

1800 802 402

Emergency telephone number (with hours of

operation)

: CHEMTREC®: +(61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture

Not classified.

Storage

Disposal

GHS label elements

Signal word : Slucose No signal word.

2-deoxyglucose No signal word. Oligomycin No signal word.

Hazard statements : Ducose No known significant effects or critical hazards.

2-deoxyglucose No known significant effects or critical hazards.
Oligomycin No known significant effects or critical hazards.

Precautionary statements

Prevention : Sucose Not applicable.

2-deoxyglucose Not applicable.Oligomycin Not applicable.Elucose Not applicable.

Response : Glucose Not applicable. 2-deoxyglucose Not applicable.

Oligomycin

Not applicable.

Sucose

Not applicable.

Not applicable.

2-deoxyglucose Not applicable.
Oligomycin Not applicable.

©lucose Not applicable.
2-deoxyglucose Not applicable.
Oligomycin Not applicable.

Supplemental label elements

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Section 2. Hazard(s) identification

Additional warning phrases

©lucose Not applicable.
2-deoxyglucose Not applicable.
Oligomycin Not applicable.

Other hazards which do not result in classification

May form combustible dust concentrations in air. 2-deoxyglucose None known.

Oligomycin None known.

Section 3. Composition and ingredient information

Substance/mixture

: 🗹 ucose 2-deoxyglucose Oligomycin

Substance Substance Mixture

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
Glucose		
Glucose	100	50-99-7
2-deoxyglucose		
2-deoxy-D-glucose	100	154-17-6

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

The total concentration of ingredients in this product, reported or not in this section, is 100%.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

	•		
Description	of necessary	tirst aid	measures

Eye contact: Slucose Immediately flush eyes with plenty of water,

occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

medical attention if irritation occurs.

2-deoxyglucose Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses. Get

medical attention if irritation occurs.

Oligomycin Immediately flush eyes with plenty of water,

occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

medical attention if irritation occurs.

Inhalation : Øucose Remove victim to fresh air and keep at rest in a

position comfortable for breathing. Get medical

attention if symptoms occur.

2-deoxyglucose Remove victim to fresh air and keep at rest in a

position comfortable for breathing. Get medical

attention if symptoms occur.

Oligomycin Remove victim to fresh air and keep at rest in a

position comfortable for breathing. Get medical

attention if symptoms occur.

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Section 4. First aid measures

Skin contact : Ducose Flush contaminated skin with plenty of water.

Remove contaminated clothing and shoes. Get

medical attention if symptoms occur.

2-deoxyglucose Flush contaminated skin with plenty of water.

Remove contaminated clothing and shoes. Get

medical attention if symptoms occur.

Oligomycin Flush contaminated skin with plenty of water.

Remove contaminated clothing and shoes. Get

medical attention if symptoms occur.

Ingestion : Slucose Wash out mouth with water. If material has been

2-deoxyglucose

Oligomycin

swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce

vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been

swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Success Exposure to airborne concentrations above statutory

or recommended exposure limits may cause irritation

of the eyes.

2-deoxyglucose No known significant effects or critical hazards. Oligomycin No known significant effects or critical hazards.

Inhalation : 🗹 ucose Exposure to airborne concentrations above statutory

or recommended exposure limits may cause irritation

of the nose, throat and lungs.

2-deoxyglucose No known significant effects or critical hazards.
Oligomycin No known significant effects or critical hazards.

No known significant effects or critical hazards.

2-deoxyglucose No known significant effects or critical hazards. Oligomycin No known significant effects or critical hazards.

: Succese No known significant effects or critical hazards. 2-deoxyglucose No known significant effects or critical hazards.

Oligomycin No known significant effects or critical hazards.

Over-exposure signs/symptoms

Skin contact

Ingestion

Eye contact : Clucose Adverse symptoms may include the following:

irritation redness

2-deoxyglucose No specific data.
Oligomycin No specific data.

Inhalation : Glucose Adverse symptoms may include the following:

respiratory tract irritation

coughing

2-deoxyglucose No specific data.
Oligomycin No specific data.

Skin contact : Glucose No specific data.

2-deoxyglucose No specific data. Oligomycin No specific data.

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Section 4. First aid measures

: Clucose Ingestion No specific data.

2-deoxyglucose No specific data. Oligomycin No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

: Clucose Notes to physician Treat symptomatically. Contact poison treatment

specialist immediately if large quantities have been

ingested or inhaled.

2-deoxyglucose Treat symptomatically. Contact poison treatment

specialist immediately if large quantities have been

ingested or inhaled.

Oligomycin Treat symptomatically. Contact poison treatment

specialist immediately if large quantities have been

ingested or inhaled.

: Clucose Specific treatments No specific treatment.

> 2-deoxyglucose No specific treatment. Oligomycin No specific treatment.

Protection of first-aiders Glucose No action shall be taken involving any personal risk

or without suitable training.

2-deoxyglucose No action shall be taken involving any personal risk

or without suitable training.

Oligomycin No action shall be taken involving any personal risk

or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Glucose Use dry chemical powder. Suitable extinguishing media

2-deoxyglucose

2-deoxyglucose Use an extinguishing agent suitable for the

surrounding fire.

Oligomycin Use an extinguishing agent suitable for the

surrounding fire.

Unsuitable extinguishing

media

: Ølucose Avoid high pressure media which could cause the

formation of a potentially explosible dust-air mixture.

None known. 2-deoxyglucose Oligomycin None known.

Specific hazards arising from the chemical

: Ølucose May form explosible dust-air mixture if dispersed.

> No specific fire or explosion hazard. No specific fire or explosion hazard.

Oligomycin

Hazardous thermal decomposition products **C**lucose Decomposition products may include the following materials:

carbon dioxide carbon monoxide

2-deoxyglucose Decomposition products may include the following

> materials: carbon dioxide carbon monoxide

Decomposition products may include the following Oligomycin

materials:

halogenated compounds metal oxide/oxides

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Section 5. Firefighting measures

Special protective actions for fire-fighters

Ølucose

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray

to keep fire-exposed containers cool.

2-deoxyglucose Promptly isolate the scene by removing all persons

from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or

without suitable training.

Oligomycin Promptly isolate the scene by removing all persons

from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or

without suitable training.

Special protective equipment for fire-fighters

: Ølucose

Fire-fighters should wear appropriate protective

equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

pressure mode.

2-deoxyglucose Fire-fighters should wear appropriate protective

equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

pressure mode.

Oligomycin Fire-fighters should wear appropriate protective

equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: Slucose

2-deoxyglucose

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected

personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal

protective equipment.

2-deoxyglucose No action shall be taken involving any personal risk

or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal

protective equipment.

Oligomycin No action shall be taken involving any personal risk

or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal

protective equipment.

For emergency responders : Sucose If specialised clothing is required to deal with the

spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the

information in "For non-emergency personnel".

Oligomycin If specialised clothing is required to deal with the

spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

information in 1 of hori-emergency personner.

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Section 6. Accidental release measures

Environmental precautions : Sucose Avoid dispersal of spilt material and runoff and

contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,

soil or air)

2-deoxyglucose Avoid dispersal of spilt material and runoff and

contact with soil, waterways, drains and sewers.
Inform the relevant authorities if the product has
caused environmental pollution (sewers, waterways,

soil or air).

Oligomycin Avoid dispersal of spilt material and runoff and

contact with soil, waterways, drains and sewers.
Inform the relevant authorities if the product has
caused environmental pollution (sewers, waterways,

soil or air).

Methods and material for containment and cleaning up

Methods for cleaning up : Glucose Move containers from spill area. Use spark-proof

tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste

disposal contractor.

2-deoxyglucose Move containers from spill area. Vacuum or sweep

up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal

contractor.

Oligomycin Move containers from spill area. Vacuum or sweep

up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal

contractor.

Section 7. Handling and storage

Precautions for safe handling

occupational hygiene

Protective measures : Øucose Put on appropriate personal protective equipment

(see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment

before transferring material.

2-deoxyglucose Put on appropriate personal protective equipment

(see Section 8).

Oligomycin Put on appropriate personal protective equipment

(see Section 8).

Advice on general : Slucose Eating, drinking and smoking should be prohibited in

areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for

additional information on hygiene measures.

2-deoxyglucose Eating, drinking and smoking should be prohibited in

areas where this material is handled, stored and processed. Workers should wash hands and face

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Section 7. Handling and storage

Oligomycin

before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, : Clucose including any incompatibilities

2-deoxyglucose

Oligomycin

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Storage temperature: room temperature. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

None.

Biological exposure indices

No exposure indices known.

Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

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Section 8. Exposure controls and personal protection

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

pH

Boiling point, initial boiling

point, and boiling range

Physical state : Slucose Solid. 2-deoxyglucose Solid.

Oligomycin Solid.

Solid.
Not available.

Colour : 🗹 ucose Not available. 2-deoxyglucose Not available.

Oligomycin White.

Odour : Glucose Not available.

2-deoxyglucose Not available. Oligomycin Odourless.

Oligomycin Not available.

Elucose Not available.
2-deoxyglucose Not available.
Oligomycin Not available.

Melting point/freezing point : Slucose 146°C (294.8°F)

2-deoxyglucose 146 to 147°C (294.8 to 296.6°F)

Oligomycin Not available.

Sucose Not available.
2-deoxyglucose Not available.

Oligomycin Not available.

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Section 9. Physical and chemical properties and safety characteristics

Characteristics				
Flash point	:	€lucose 2-deoxyglucose Oligomycin	Not applica Not applica Not applica	able.
Evaporation rate	:	☑lucose 2-deoxyglucose Oligomycin	Not available. Not available. Not available.	
Flammability	:	☑lucose 2-deoxyglucose Oligomycin	Not availab Not availab Not availab	ole.
Lower and upper explosion limit/flammability limit	:	☑lucose 2-deoxyglucose Oligomycin	Not applica Not applica Not applica	able.
Vapour pressure	:	⋈ ot available.		
Relative vapour density	:	☑lucose 2-deoxyglucose Oligomycin	Not applicable. Not applicable. Not applicable.	
Relative density	:	☑lucose 2-deoxyglucose Oligomycin	1.56 Not available. Not available.	
Solubility(ies)	:	Media		Result
		©lucose water 2-deoxyglucose water		Soluble Soluble
Partition coefficient: n-	:	Clucose	-3.24	
octanol/water		2-deoxyglucose Oligomycin	Not availab Not applica	
Auto-ignition temperature	:	☑lucose 2-deoxyglucose Oligomycin	500°C (932°F) Not applicable. Not applicable.	
Decomposition temperature	:	☑lucose 2-deoxyglucose Oligomycin	Not available. Not available. Not available.	
Viscosity	:	☑lucose 2-deoxyglucose Oligomycin	Not applicable. Not applicable. Not applicable.	
Particle characteristics				
Median particle size	:	©lucose 2-deoxyglucose Oligomycin	Not available. Not available. Not available.	

Section 10. Stability and reactivity

Reactivity	: 🗹 ucose	No specific test data related to reactivity available for this product or its ingredients.
	2-deoxyglucose	No specific test data related to reactivity available for this product or its ingredients.
	Oligomycin	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: Slucose 2-deoxyglucose Oligomycin	The product is stable. The product is stable. The product is stable.

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Section 10. Stability and reactivity

Possibility of hazardous

reactions

Under normal conditions of storage and use,

hazardous reactions will not occur.

2-deoxyglucose Under normal conditions of storage and use,

hazardous reactions will not occur.

Oligomycin Under normal conditions of storage and use,

hazardous reactions will not occur.

Conditions to avoid : Ducose Avoid the creation of dust when handling and avoid

all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic

discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before

transferring material. Prevent dust accumulation.

2-deoxyglucose No specific data. Oligomycin No specific data.

Incompatible materials : Øucose Reactive or incompatible with the following materials:

oxidising materials

2-deoxyglucose May react or be incompatible with oxidising materials. Oligomycin May react or be incompatible with oxidising materials.

Hazardous decomposition

products

: Ølucose

Under normal conditions of storage and use,

hazardous decomposition products should not be

produced.

2-deoxyglucose Under normal conditions of storage and use,

hazardous decomposition products should not be

produced.

Oligomycin Under normal conditions of storage and use,

hazardous decomposition products should not be

produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
© lucose				
Glucose	LD50 Oral	Rat	25800 mg/kg	-

Irritation/Corrosion

Not available.

Sensitisation

Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary

: Not available.

Reproductive toxicity

Conclusion/Summary: Not available.

Teratogenicity

Conclusion/Summary: Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

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Section 11. Toxicological information

Aspiration hazard

Not available.

Information on likely routes

of exposure

Skin contact

Ingestion

: Clucose Not available. 2-deoxyglucose Not available. Oligomycin Not available.

Potential acute health effects

Clucose **Eye contact** Exposure to airborne concentrations above statutory

or recommended exposure limits may cause irritation

of the eves.

2-deoxyglucose No known significant effects or critical hazards. No known significant effects or critical hazards. Oligomycin

Clucose Inhalation Exposure to airborne concentrations above statutory

or recommended exposure limits may cause irritation

of the nose, throat and lungs.

2-deoxyglucose No known significant effects or critical hazards. Oligomycin No known significant effects or critical hazards. : Clucose No known significant effects or critical hazards.

No known significant effects or critical hazards. 2-deoxyglucose Oligomycin No known significant effects or critical hazards. **G**lucose No known significant effects or critical hazards. 2-deoxyglucose No known significant effects or critical hazards.

Oligomycin No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

: Ølucose **Eye contact** Adverse symptoms may include the following:

irritation

redness

2-deoxyglucose No specific data. Oligomycin No specific data.

Inhalation : Clucose Adverse symptoms may include the following:

respiratory tract irritation

coughing

2-deoxyglucose No specific data. Oligomycin No specific data. : Ølucose No specific data. 2-deoxyglucose No specific data. Oligomycin No specific data.

Clucose No specific data. 2-deoxyglucose No specific data. Oligomycin No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate : Not available.

effects

Skin contact

Ingestion

Potential delayed effects : Not available.

Long term exposure

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

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Section 11. Toxicological information

General	: Slucose	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
	2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards.
Carcinogenicity	: Slucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: Ducose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Reproductive toxicity	: Ducose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	,	(vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Glucose	25800	N/A	N/A	N/A	N/A

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
G lucose			
Glucose	-3.24	-	Low

Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with

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Section 13. Disposal considerations

soil, waterways, drains and sewers.

Section 14. Transport information

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

Special precautions for user : Transport within user's premises: always transport in closed containers that are

upright and secure. Ensure that persons transporting the product know what to do in

the event of an accident or spillage.

Transport in bulk according : Not available.

to IMO instruments

Section 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons

Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : Not determined. **New Zealand** : Not determined. **United States** : Not determined.

Section 16. Any other relevant information

: 4

History

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revision

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Key to abbreviations

: ADG = Australian Dangerous Goods

ADR = The European Agreement concerning the International Carriage of

Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships,

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Section 16. Any other relevant information

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SUSMP = Standard Uniform Schedule of Medicine and Poisons UN = United Nations

Procedure used to derive the classification

Classification

Not classified.

Indicates information that has changed from previously issued version.

Notice to reader

Disclaimer: The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

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