

# SAFETY DATA SHEET

Seahorse XFp Glycolysis Stress Test Kit, Part Number 103017-100

## Section 1. Identification

<b>Product identifier</b>	: Seahorse XFp Glycolysis Stress Test Kit, Part Number 103017-100
<b>Part No. (Chemical Kit)</b>	: 103017-100
<b>Part No.</b>	: Glucose Not available. 2-deoxyglucose Not available. Oligomycin Not available.

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

For research use only. Not for use in diagnostic procedures (RUO).

Glucose	6 x 5.405 mg
2-deoxyglucose	6 x 24.624 mg
Oligomycin	6 x 1.141 mg

<b>Supplier/Manufacturer</b>	: Agilent Technologies Australia Pty Ltd 679 Springvale Road Mulgrave Victoria 3170, Australia 1800 802 402
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<b>Emergency telephone number (with hours of operation)</b>	: CHEMTREC®: (61)-290372994
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## Section 2. Hazard(s) identification

### Classification of the substance or mixture

Not classified.

Glucose	Not applicable.
2-deoxyglucose	Not applicable.
Oligomycin	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 95.7%
Glucose	Not applicable.
2-deoxyglucose	Not applicable.
Oligomycin	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 95.7%

### GHS label elements

<b>Signal word</b>	: Glucose No signal word. 2-deoxyglucose No signal word. Oligomycin No signal word.
<b>Hazard statements</b>	: Glucose 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

<b>Prevention</b>	: Glucose Not applicable. 2-deoxyglucose Not applicable. Oligomycin Not applicable.
<b>Response</b>	: Glucose Not applicable. 2-deoxyglucose Not applicable. Oligomycin Not applicable.
<b>Storage</b>	: Glucose Not applicable. 2-deoxyglucose Not applicable. Oligomycin Not applicable.

## Section 2. Hazard(s) identification

<b>Disposal</b>	: Glucose 2-deoxyglucose Oligomycin	Not applicable. Not applicable. Not applicable.
<b>Supplemental label elements</b>	: Glucose 2-deoxyglucose Oligomycin	Not applicable. Not applicable. Not applicable.
<b>Other hazards which do not result in classification</b>	: Glucose 2-deoxyglucose Oligomycin	None known. None known. None known.

## Section 3. Composition and ingredient information

<b>Substance/mixture</b>	: Glucose 2-deoxyglucose Oligomycin	Substance Substance Mixture
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### CAS number/other identifiers

#### **Glucose**

Glucose 100 50-99-7

#### **2-deoxyglucose**

2-deoxy-D-glucose 100 154-17-6

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

## Section 4. First aid measures

### Description of necessary first aid measures

<b>Eye contact</b>	: Glucose	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.
<b>Inhalation</b>	: Glucose	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.
<b>Skin contact</b>	: Glucose	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.

## Section 4. First aid measures

<b>Ingestion</b>	: Glucose	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
	2-deoxyglucose	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
	Oligomycin	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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

<b>Eye contact</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Inhalation</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Skin contact</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Ingestion</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

<b>Eye contact</b>	: Glucose 2-deoxyglucose Oligomycin	No specific data. No specific data. No specific data.
<b>Inhalation</b>	: Glucose 2-deoxyglucose Oligomycin	No specific data. No specific data. No specific data.
<b>Skin contact</b>	: Glucose 2-deoxyglucose Oligomycin	No specific data. No specific data. No specific data.
<b>Ingestion</b>	: Glucose 2-deoxyglucose Oligomycin	No specific data. No specific data. No specific data.

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

<b>Notes to physician</b>	: Glucose	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

## Section 4. First aid measures

<b>Specific treatments</b>	: Glucose 2-deoxyglucose Oligomycin	ingested or inhaled. No specific treatment. No specific treatment. No specific treatment.
<b>Protection of first-aiders</b>	: Glucose  2-deoxyglucose  Oligomycin	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Firefighting measures

### Extinguishing media

<b>Suitable extinguishing media</b>	: Glucose  2-deoxyglucose  Oligomycin	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	: Glucose 2-deoxyglucose Oligomycin	None known. None known. None known.
<b>Specific hazards arising from the chemical</b>	: Glucose 2-deoxyglucose Oligomycin	No specific fire or explosion hazard. No specific fire or explosion hazard. No specific fire or explosion hazard.
<b>Hazardous thermal decomposition products</b>	: Glucose  2-deoxyglucose  Oligomycin	Decomposition products may include the following materials: carbon dioxide carbon monoxide Decomposition products may include the following materials: carbon dioxide carbon monoxide Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides
<b>Special protective actions for fire-fighters</b>	: Glucose  2-deoxyglucose  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. 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. 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.

## Section 5. Firefighting measures

<b>Special protective equipment for fire-fighters</b>	: Glucose	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

<b>For non-emergency personnel</b>	: Glucose	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.
	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.
<b>For emergency responders</b>	: Glucose	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".
	2-deoxyglucose	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".
<b>Environmental precautions</b>	: Glucose	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).

## Section 6. Accidental release measures

### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	: Glucose	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.
	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

<b>Protective measures</b>	: Glucose	Put on appropriate personal protective equipment (see Section 8).
	2-deoxyglucose	Put on appropriate personal protective equipment (see Section 8).
	Oligomycin	Put on appropriate personal protective equipment (see Section 8).
<b>Advice on general occupational hygiene</b>	: Glucose	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 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.
	Oligomycin	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, including any incompatibilities

: Glucose	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.
2-deoxyglucose	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

## Section 7. Handling and storage

Oligomycin

must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

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.

## Section 8. Exposure controls and personal protection

### Control parameters

#### Occupational exposure limits

None.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- 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

### Appearance

<b>Physical state</b>	: Glucose	Solid.
	2-deoxyglucose	Solid.
	Oligomycin	Solid.
<b>Colour</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	White.
<b>Odour</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Odourless.
<b>Odour threshold</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>pH</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Melting point</b>	: Glucose	146°C (294.8°F)
	2-deoxyglucose	146 to 147°C (294.8 to 296.6°F)
	Oligomycin	Not available.
<b>Boiling point</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Flash point</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Evaporation rate</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Flammability (solid, gas)</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Vapour pressure</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Vapour density</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Relative density</b>	: Glucose	1.56
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Solubility</b>	: Glucose	Easily soluble in the following materials: cold water and hot water.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Partition coefficient: n-octanol/water</b>	: Glucose	-3.24
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Auto-ignition temperature</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.
<b>Decomposition temperature</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.

## Section 9. Physical and chemical properties

<b>Viscosity</b>	: Glucose	Not available.
	2-deoxyglucose	Not available.
	Oligomycin	Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: Glucose	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.

<b>Chemical stability</b>	: Glucose	The product is stable.
	2-deoxyglucose	The product is stable.
	Oligomycin	The product is stable.

<b>Possibility of hazardous reactions</b>	: Glucose	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.

<b>Conditions to avoid</b>	: Glucose	No specific data.
	2-deoxyglucose	No specific data.
	Oligomycin	No specific data.

<b>Incompatible materials</b>	: Glucose	May react or be incompatible with oxidising materials.
	2-deoxyglucose	May react or be incompatible with oxidising materials.
	Oligomycin	May react or be incompatible with oxidising materials.

<b>Hazardous decomposition products</b>	: Glucose	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
Glucose Glucose	LD50 Oral	Rat	25800 mg/kg	-

#### Irritation/Corrosion

Not available.

#### Sensitisation

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

## Section 11. Toxicological information

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

<b>Information on likely routes of exposure</b>	: Glucose 2-deoxyglucose Oligomycin	Not available. Not available. Routes of entry anticipated: Oral, Dermal, Inhalation.
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### Potential acute health effects

<b>Eye contact</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Inhalation</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Skin contact</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Ingestion</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	: Glucose 2-deoxyglucose Oligomycin	No specific data. No specific data. No specific data.
<b>Inhalation</b>	: Glucose 2-deoxyglucose Oligomycin	No specific data. No specific data. No specific data.
<b>Skin contact</b>	: Glucose 2-deoxyglucose Oligomycin	No specific data. No specific data. No specific data.
<b>Ingestion</b>	: Glucose 2-deoxyglucose Oligomycin	No specific data. No specific data. No specific data.

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

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

## Section 11. Toxicological information

### Potential chronic health effects

Not available.

<b>General</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Mutagenicity</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Teratogenicity</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Developmental effects</b>	: Glucose 2-deoxyglucose Oligomycin	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Fertility effects</b>	: Glucose 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

Not available.

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
<b>Glucose</b> Glucose	-3.24	-	low

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : 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 soil, waterways, drains and sewers.

## Section 14. Transport information

### Regulatory 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 to Annex II of Marpol and the IBC Code** : Not available.

## Section 15. Regulatory information

### Standard Uniform Schedule of Medicine and Poisons

Not regulated.

### Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

**Australia inventory (AICS)** : Not determined.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### International lists

#### National inventory

**Canada** : Not determined.  
**China** : Not determined.  
**Europe** : Not determined.  
**Japan** : **Japan inventory (ENCS):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**Malaysia** : Not determined.  
**New Zealand** : Not determined.

## Section 15. Regulatory information

<b>Philippines</b>	: Not determined.
<b>Republic of Korea</b>	: Not determined.
<b>Taiwan</b>	: Not determined.
<b>Turkey</b>	: Not determined.
<b>United States</b>	: Not determined.

## Section 16. Any other relevant information

### History

<b>Date of issue/Date of revision</b>	: 12/05/2016
<b>Date of previous issue</b>	: No previous validation.
<b>Version</b>	: 1

### Key to abbreviations

: ADG = Australian Dangerous Goods
: 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, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
: NOHSC = National Occupational Health and Safety Commission
: SUSMP = Standard Uniform Schedule of Medicine and Poisons
: UN = United Nations

### Procedure used to derive the classification

Classification	Justification
Not classified.	

**References** : Not available.

📌 Indicates information that has changed from previously issued version.

### Notice to reader

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