

# SAFETY DATA SHEET



Genomic DNA Reagents, Part Number 5067-5366

## Section 1. Identification

**Product identifier** : Genomic DNA Reagents, Part Number 5067-5366  
**Part No. (Chemical Kit)** : 5067-5366  
**Part No.** : Genomic DNA Ladder 5190-6292  
 Genomic DNA Sample Buffer 5190-6293

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

Analytical reagent.  
 Research and Development

Genomic DNA Ladder 1 x 0.025 ml  
 Genomic DNA Sample Buffer 1 x 1.350 ml

**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.

Genomic DNA Ladder Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%

### GHS label elements

**Signal word** : Genomic DNA Ladder No signal word.  
 Genomic DNA Sample Buffer No signal word.

**Hazard statements** : Genomic DNA Ladder No known significant effects or critical hazards.  
 Genomic DNA Sample Buffer No known significant effects or critical hazards.

### Precautionary statements

**Prevention** : Genomic DNA Ladder Not applicable.  
 Genomic DNA Sample Buffer Not applicable.

**Response** : Genomic DNA Ladder Not applicable.  
 Genomic DNA Sample Buffer Not applicable.

**Storage** : Genomic DNA Ladder Not applicable.  
 Genomic DNA Sample Buffer Not applicable.

**Disposal** : Genomic DNA Ladder Not applicable.  
 Genomic DNA Sample Buffer Not applicable.

### Supplemental label elements

**Additional warning phrases** : Genomic DNA Ladder Not applicable.  
 Genomic DNA Sample Buffer Not applicable.

**Other hazards which do not result in classification** : Genomic DNA Ladder None known.  
 Genomic DNA Sample Buffer None known.

## Section 3. Composition and ingredient information

**Substance/mixture** : Genomic DNA Ladder Mixture  
Genomic DNA Sample Buffer Mixture

### CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
Genomic DNA Ladder		
Sucrose	≤10	57-50-1
Dimethyl sulfoxide	≤3	67-68-5

There are no additional 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>	: Genomic DNA Ladder	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.
	Genomic DNA Sample Buffer	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>	: Genomic DNA Ladder	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Genomic DNA Sample Buffer	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>	: Genomic DNA Ladder	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Genomic DNA Sample Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	: Genomic DNA Ladder	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.
	Genomic DNA Sample Buffer	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>	: Genomic DNA Ladder	No known significant effects or critical hazards.
	Genomic DNA Sample Buffer	No known significant effects or critical hazards.
<b>Inhalation</b>	: Genomic DNA Ladder	No known significant effects or critical hazards.
	Genomic DNA Sample Buffer	No known significant effects or critical hazards.

## Section 4. First aid measures

<b>Skin contact</b>	: Genomic DNA Ladder	No known significant effects or critical hazards.
	Genomic DNA Sample Buffer	No known significant effects or critical hazards.
<b>Ingestion</b>	: Genomic DNA Ladder	No known significant effects or critical hazards.
	Genomic DNA Sample Buffer	No known significant effects or critical hazards.

### Over-exposure signs/symptoms

<b>Eye contact</b>	: Genomic DNA Ladder	No specific data.
	Genomic DNA Sample Buffer	No specific data.
<b>Inhalation</b>	: Genomic DNA Ladder	No specific data.
	Genomic DNA Sample Buffer	No specific data.
<b>Skin contact</b>	: Genomic DNA Ladder	No specific data.
	Genomic DNA Sample Buffer	No specific data.
<b>Ingestion</b>	: Genomic DNA Ladder	No specific data.
	Genomic DNA Sample Buffer	No specific data.

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

<b>Notes to physician</b>	: <input checked="" type="checkbox"/> Genomic DNA Ladder	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Genomic DNA Sample Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	: Genomic DNA Ladder	No specific treatment.
	Genomic DNA Sample Buffer	No specific treatment.
<b>Protection of first-aiders</b>	: Genomic DNA Ladder	No action shall be taken involving any personal risk or without suitable training.
	Genomic DNA Sample Buffer	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>	: Genomic DNA Ladder	Use an extinguishing agent suitable for the surrounding fire.
	Genomic DNA Sample Buffer	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	: Genomic DNA Ladder	None known.
	Genomic DNA Sample Buffer	None known.
<b>Specific hazards arising from the chemical</b>	: Genomic DNA Ladder	In a fire or if heated, a pressure increase will occur and the container may burst.
	Genomic DNA Sample Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	: <input checked="" type="checkbox"/> Genomic DNA Ladder	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides
	Genomic DNA Sample Buffer	No specific data.
<b>Special protective actions for fire-fighters</b>	: Genomic DNA Ladder	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.
	Genomic DNA Sample Buffer	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

## Section 5. Firefighting measures

### Special protective equipment for fire-fighters

: Genomic DNA Ladder

without suitable training.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Genomic DNA Sample Buffer

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

: Genomic DNA Ladder

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.

Genomic DNA Sample Buffer

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

: Genomic DNA Ladder

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".

Genomic DNA Sample Buffer

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".

#### Environmental precautions

: Genomic DNA Ladder

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).

Genomic DNA Sample Buffer

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

: Genomic DNA Ladder

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.


Genomic DNA Sample Buffer

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and storage

### Precautions for safe handling


<b>Protective measures</b>	: Genomic DNA Ladder	Put on appropriate personal protective equipment (see Section 8).
	Genomic DNA Sample Buffer	Put on appropriate personal protective equipment (see Section 8).
<b>Advice on general occupational hygiene</b>	: Genomic DNA Ladder	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.
	Genomic DNA Sample Buffer	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.

<b>Conditions for safe storage, including any incompatibilities</b>	:  Genomic DNA Ladder	Store between the following temperatures: 2 to 8°C (35.6 to 46.4°F). 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.
	Genomic DNA Sample Buffer	Store between the following temperatures: 2 to 8°C (35.6 to 46.4°F). 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

Ingredient name	Exposure limits
 Genomic DNA Ladder Sucrose  Dimethyl sulfoxide	<b>Safe Work Australia (Australia, 1/2014).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. <b>DFG MAC-values list (Germany, 7/2015).</b> <b>Absorbed through skin.</b> PEAK: 320 mg/m <sup>3</sup> , 4 times per shift, 15 minutes. TWA: 160 mg/m <sup>3</sup> 8 hours. PEAK: 100 ppm, 4 times per shift, 15 minutes.

## Section 8. Exposure controls and personal protection

TWA: 50 ppm 8 hours.

- 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

- Physical state** : Genomic DNA Ladder Liquid.  
Genomic DNA Sample Buffer Liquid.
- Colour** : Genomic DNA Ladder Not available.  
Genomic DNA Sample Buffer Not available.
- Odour** : Genomic DNA Ladder Not available.  
Genomic DNA Sample Buffer Not available.
- Odour threshold** : Genomic DNA Ladder Not available.  
Genomic DNA Sample Buffer Not available.
- pH** : Genomic DNA Ladder 8  
Genomic DNA Sample Buffer 8
- Melting point** : Genomic DNA Ladder Not available.  
Genomic DNA Sample Buffer Not available.
- Boiling point** : Genomic DNA Ladder Not available.  
Genomic DNA Sample Buffer Not available.
- Flash point** : Genomic DNA Ladder Not available.  
Genomic DNA Sample Buffer Not available.
- Evaporation rate** : Genomic DNA Ladder Not available.  
Genomic DNA Sample Buffer Not available.



## Section 9. Physical and chemical properties

<b>Flammability (solid, gas)</b>	: Genomic DNA Ladder	Not applicable.
	Genomic DNA Sample Buffer	Not applicable.
<b>Lower and upper explosive (flammable) limits</b>	: Genomic DNA Ladder	Not available.
	Genomic DNA Sample Buffer	Not available.
<b>Vapour pressure</b>	: Genomic DNA Ladder	Not available.
	Genomic DNA Sample Buffer	Not available.
<b>Vapour density</b>	: Genomic DNA Ladder	Not available.
	Genomic DNA Sample Buffer	Not available.
<b>Relative density</b>	: Genomic DNA Ladder	Not available.
	Genomic DNA Sample Buffer	Not available.
<b>Solubility</b>	: Genomic DNA Ladder	Easily soluble in the following materials: cold water and hot water.
	Genomic DNA Sample Buffer	Easily soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/water</b>	: Genomic DNA Ladder	Not available.
	Genomic DNA Sample Buffer	Not available.
<b>Auto-ignition temperature</b>	: Genomic DNA Ladder	Not available.
	Genomic DNA Sample Buffer	Not available.
<b>Decomposition temperature</b>	: Genomic DNA Ladder	Not available.
	Genomic DNA Sample Buffer	Not available.
<b>Viscosity</b>	: Genomic DNA Ladder	Not available.
	Genomic DNA Sample Buffer	Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: Genomic DNA Ladder	No specific test data related to reactivity available for this product or its ingredients.
	Genomic DNA Sample Buffer	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: Genomic DNA Ladder	The product is stable.
	Genomic DNA Sample Buffer	The product is stable.
<b>Possibility of hazardous reactions</b>	: Genomic DNA Ladder	Under normal conditions of storage and use, hazardous reactions will not occur.
	Genomic DNA Sample Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: Genomic DNA Ladder	No specific data.
	Genomic DNA Sample Buffer	No specific data.
<b>Incompatible materials</b>	: Genomic DNA Ladder	May react or be incompatible with oxidising materials.
	Genomic DNA Sample Buffer	May react or be incompatible with oxidising materials.
<b>Hazardous decomposition products</b>	: Genomic DNA Ladder	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Genomic DNA Sample Buffer	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
<input checked="" type="checkbox"/> Genomic DNA Ladder				
Sucrose	LD50 Oral	Rat	29700 mg/kg	-
Dimethyl sulfoxide	LD50 Dermal	Rat	40000 mg/kg	-
	LD50 Oral	Rat	14500 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<input checked="" type="checkbox"/> Genomic DNA Ladder					
Dimethyl sulfoxide	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	100 milligrams	-

#### Sensitisation

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

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.

**Information on likely routes of exposure** :  Genomic DNA Ladder Not available.  
Genomic DNA Sample Buffer Not available.

#### Potential acute health effects

**Eye contact** : Genomic DNA Ladder No known significant effects or critical hazards.  
Genomic DNA Sample Buffer No known significant effects or critical hazards.

**Inhalation** : Genomic DNA Ladder No known significant effects or critical hazards.  
Genomic DNA Sample Buffer No known significant effects or critical hazards.

**Skin contact** : Genomic DNA Ladder No known significant effects or critical hazards.  
Genomic DNA Sample Buffer No known significant effects or critical hazards.

**Ingestion** : Genomic DNA Ladder No known significant effects or critical hazards.  
Genomic DNA Sample Buffer No known significant effects or critical hazards.

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



## Section 11. Toxicological information

<b>Eye contact</b>	: Genomic DNA Ladder	No specific data.
	: Genomic DNA Sample Buffer	No specific data.
<b>Inhalation</b>	: Genomic DNA Ladder	No specific data.
	: Genomic DNA Sample Buffer	No specific data.
<b>Skin contact</b>	: Genomic DNA Ladder	No specific data.
	: Genomic DNA Sample Buffer	No specific data.
<b>Ingestion</b>	: Genomic DNA Ladder	No specific data.
	: Genomic DNA Sample Buffer	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.

#### Potential chronic health effects

Not available.

**General** : Genomic DNA Ladder No known significant effects or critical hazards.  
: Genomic DNA Sample Buffer No known significant effects or critical hazards.

**Carcinogenicity** : Genomic DNA Ladder No known significant effects or critical hazards.  
: Genomic DNA Sample Buffer No known significant effects or critical hazards.

**Mutagenicity** : Genomic DNA Ladder No known significant effects or critical hazards.  
: Genomic DNA Sample Buffer No known significant effects or critical hazards.

**Teratogenicity** : Genomic DNA Ladder No known significant effects or critical hazards.  
: Genomic DNA Sample Buffer No known significant effects or critical hazards.

**Developmental effects** : Genomic DNA Ladder No known significant effects or critical hazards.  
: Genomic DNA Sample Buffer No known significant effects or critical hazards.

**Fertility effects** : Genomic DNA Ladder No known significant effects or critical hazards.  
: Genomic DNA Sample Buffer No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity


Product/ingredient name	Result	Species	Exposure
<input checked="" type="checkbox"/> Genomic DNA Ladder Dimethyl sulfoxide	Acute LC50 25000 ppm Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 34000000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Chronic NOEC 100 µl/L Marine water	Algae - Ulva lactuca	72 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

## Section 12. Ecological information

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
 Genomic DNA Ladder			
Sucrose	-3.7	-	low
Dimethyl sulfoxide	-1.35	3.16	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

**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



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

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

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

Not listed.

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

Not listed.

## Section 15. Regulatory information

### Inventory list

Australia	: <input checked="" type="checkbox"/> Not determined.
Canada	: <input checked="" type="checkbox"/> Not determined.
China	: All components are listed or exempted.
Europe	: Not determined.
Japan	: <input checked="" type="checkbox"/> <b>Japan inventory (ENCS)</b> : Not determined. <b>Japan inventory (ISHL)</b> : Not determined.
Malaysia	: <input checked="" type="checkbox"/> Not determined.
New Zealand	: <input checked="" type="checkbox"/> Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: All components are listed or exempted.
Thailand	: <input checked="" type="checkbox"/> Not determined.
Turkey	: <input checked="" type="checkbox"/> Not determined.
United States	: Not determined.
Viet Nam	: <input checked="" type="checkbox"/> Not determined.

## Section 16. Any other relevant information

### History

Date of issue/Date of revision	: 24/10/2017
Date of previous issue	: 22/09/2015.
Version	: 4

### 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

**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.