

# SAFETY DATA SHEET

GenetiSure Dx Wash Buffer Set, Part Number K1201-64300

## Section 1. Identification

**1.1 Product identifier**

<b>Product name</b>	:	GenetiSure Dx Wash Buffer Set, Part Number K1201-64300	
<b>Part No. (Chemical Kit)</b>	:	K1201-64300	
<b>Part No.</b>	:	<input checked="" type="checkbox"/> GenetiSure Dx Wash Buffer 1	K1201-64305
		GenetiSure Dx Wash Buffer 2	K1201-64310
<b>Validation date</b>	:	11/8/2017	

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

<b>Material uses</b>	:	<input checked="" type="checkbox"/> For In Vitro Diagnostic Use	
		<input checked="" type="checkbox"/> GenetiSure Dx Wash Buffer 1	4 L
		GenetiSure Dx Wash Buffer 2	4 L

**1.3 Details of the supplier of the safety data sheet**

<b>Supplier/Manufacturer</b>	:	Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770
------------------------------	---	---

**1.4 Emergency telephone number**

<b>In case of emergency</b>	:	CHEMTREC®: 1-800-424-9300
-----------------------------	---	---------------------------

## Section 2. Hazards identification

**2.1 Classification of the substance or mixture**

<b>OSHA/HCS status</b>	:	GenetiSure Dx Wash Buffer 1	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
		GenetiSure Dx Wash Buffer 2	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Classification of the substance or mixture**

Not classified.

**2.2 GHS label elements**

<b>Signal word</b>	:	GenetiSure Dx Wash Buffer 1	No signal word.
		GenetiSure Dx Wash Buffer 2	No signal word.
<b>Hazard statements</b>	:	GenetiSure Dx Wash Buffer 1	No known significant effects or critical hazards.
		GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards.
<b>Precautionary statements</b>			
<b>Prevention</b>	:	GenetiSure Dx Wash Buffer 1	Not applicable.
		GenetiSure Dx Wash Buffer 2	Not applicable.

## Section 2. Hazards identification

<b>Response</b>	: GenetiSure Dx Wash Buffer 1	Not applicable.
	GenetiSure Dx Wash Buffer 2	Not applicable.
<b>Storage</b>	: GenetiSure Dx Wash Buffer 1	Not applicable.
	GenetiSure Dx Wash Buffer 2	Not applicable.
<b>Disposal</b>	: GenetiSure Dx Wash Buffer 1	Not applicable.
	GenetiSure Dx Wash Buffer 2	Not applicable.
<b>Supplemental label elements</b>	: GenetiSure Dx Wash Buffer 1	None known.
	GenetiSure Dx Wash Buffer 2	None known.

### 2.3 Other hazards

<b>Hazards not otherwise classified</b>	: GenetiSure Dx Wash Buffer 1	None known.
	GenetiSure Dx Wash Buffer 2	None known.

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: GenetiSure Dx Wash Buffer 1	Mixture
	GenetiSure Dx Wash Buffer 2	Mixture

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**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

### 4.1 Description of necessary first aid measures

<b>Eye contact</b>	: GenetiSure Dx Wash Buffer 1	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.
	GenetiSure Dx Wash Buffer 2	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>	: GenetiSure Dx Wash Buffer 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	GenetiSure Dx Wash Buffer 2	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>	: GenetiSure Dx Wash Buffer 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	GenetiSure Dx Wash Buffer 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	: GenetiSure Dx Wash Buffer 1	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.
	GenetiSure Dx Wash Buffer 2	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

## Section 4. First aid measures

quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### 4.2 Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<b>Eye contact</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Inhalation</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Skin contact</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Ingestion</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

<b>Eye contact</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific data. No specific data.
<b>Inhalation</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific data. No specific data.
<b>Skin contact</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific data. No specific data.
<b>Ingestion</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific data. No specific data.

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

<b>Notes to physician</b>	: GenetiSure Dx Wash Buffer 1  GenetiSure Dx Wash Buffer 2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific treatment. No specific treatment.
<b>Protection of first-aiders</b>	: GenetiSure Dx Wash Buffer 1  GenetiSure Dx Wash Buffer 2	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. Fire-fighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	: GenetiSure Dx Wash Buffer 1  GenetiSure Dx Wash Buffer 2	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	None known. None known.

### 5.2 Special hazards arising from the substance or mixture

## Section 5. Fire-fighting measures

<b>Specific hazards arising from the chemical</b>	: GenetiSure Dx Wash Buffer 1	In a fire or if heated, a pressure increase will occur and the container may burst.
	GenetiSure Dx Wash Buffer 2	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	: GenetiSure Dx Wash Buffer 1	No specific data.
	GenetiSure Dx Wash Buffer 2	No specific data.
<b>5.3 Advice for firefighters</b>		
<b>Special protective actions for fire-fighters</b>	: GenetiSure Dx Wash Buffer 1	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.
	GenetiSure Dx Wash Buffer 2	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.
<b>Special protective equipment for fire-fighters</b>	: GenetiSure Dx Wash Buffer 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	GenetiSure Dx Wash Buffer 2	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

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

<b>For non-emergency personnel</b>	: GenetiSure Dx Wash Buffer 1	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 spilled material. Put on appropriate personal protective equipment.
	GenetiSure Dx Wash Buffer 2	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 spilled material. Put on appropriate personal protective equipment.
<b>For emergency responders</b>	: GenetiSure Dx Wash Buffer 1	If specialized 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".
	GenetiSure Dx Wash Buffer 2	If specialized 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>6.2 Environmental precautions</b>	: GenetiSure Dx Wash Buffer 1	Avoid dispersal of spilled 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).
	GenetiSure Dx Wash Buffer 2	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has

## Section 6. Accidental release measures

caused environmental pollution (sewers, waterways, soil or air).

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

**Methods for cleaning up** : GenetiSure Dx Wash Buffer 1

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.

GenetiSure Dx Wash Buffer 2

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

### 7.1 Precautions for safe handling

**Protective measures** : GenetiSure Dx Wash Buffer 1

Put on appropriate personal protective equipment (see Section 8).

GenetiSure Dx Wash Buffer 2


Put on appropriate personal protective equipment (see Section 8).

**Advice on general occupational hygiene** : GenetiSure Dx Wash Buffer 1

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.

GenetiSure Dx Wash Buffer 2

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.

**7.2 Conditions for safe storage, including any incompatibilities** :  GenetiSure Dx Wash Buffer 1

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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

GenetiSure Dx Wash Buffer 2

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

## Section 7. Handling and storage

to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

<b>Recommendations</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	Industrial applications, Professional applications. Industrial applications, Professional applications.
<b>Industrial sector specific solutions</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	Not applicable. Not applicable.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
None.	

### 8.2 Exposure controls

**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

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	: GenetiSure Dx Wash Buffer 1	Liquid.
	GenetiSure Dx Wash Buffer 2	Liquid.
<b>Color</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Odor</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Odor threshold</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>pH</b>	: GenetiSure Dx Wash Buffer 1	8.2 to 8.6
	GenetiSure Dx Wash Buffer 2	8 to 8.4
<b>Melting point</b>	: GenetiSure Dx Wash Buffer 1	0°C (32°F)
	GenetiSure Dx Wash Buffer 2	0°C (32°F)
<b>Boiling point</b>	: GenetiSure Dx Wash Buffer 1	100°C (212°F)
	GenetiSure Dx Wash Buffer 2	100°C (212°F)
<b>Flash point</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Evaporation rate</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Flammability (solid, gas)</b>	: GenetiSure Dx Wash Buffer 1	Not applicable.
	GenetiSure Dx Wash Buffer 2	Not applicable.
<b>Lower and upper explosive (flammable) limits</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Vapor pressure</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Vapor density</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Relative density</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Solubility</b>	: GenetiSure Dx Wash Buffer 1	Easily soluble in the following materials: cold water and hot water.
	GenetiSure Dx Wash Buffer 2	Easily soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/water</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Auto-ignition temperature</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Decomposition temperature</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.
<b>Viscosity</b>	: GenetiSure Dx Wash Buffer 1	Not available.
	GenetiSure Dx Wash Buffer 2	Not available.

## Section 10. Stability and reactivity

<b>10.1 Reactivity</b>	: GenetiSure Dx Wash Buffer 1	No specific test data related to reactivity available for this product or its ingredients.
	GenetiSure Dx Wash Buffer 2	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical stability</b>	: GenetiSure Dx Wash Buffer 1	The product is stable.
	GenetiSure Dx Wash Buffer 2	The product is stable.

## Section 10. Stability and reactivity

<b>10.3 Possibility of hazardous reactions</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Conditions to avoid</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific data. No specific data.
<b>10.5 Incompatible materials</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials.
<b>10.6 Hazardous decomposition products</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Not available.

#### Sensitization

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.

<b>Information on the likely routes of exposure</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	Not available. Not available.
---	--	----------------------------------



## Section 11. Toxicological information

### Potential acute health effects

<b>Eye contact</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Inhalation</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Skin contact</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Ingestion</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	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>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific data. No specific data.
<b>Inhalation</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific data. No specific data.
<b>Skin contact</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific data. No specific data.
<b>Ingestion</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No specific data. No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

#### Long term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

### Potential chronic health effects

<b>General</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Mutagenicity</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Teratogenicity</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Developmental effects</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Fertility effects</b>	: GenetiSure Dx Wash Buffer 1 GenetiSure Dx Wash Buffer 2	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

### 12.1 Toxicity

Not available.

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

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

## Section 13. Disposal considerations

### 13.1 Waste treatment methods

**Disposal methods** : The generation of waste should be avoided or minimized 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

**Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.**

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## Section 14. Transport information

**DOT / TDG / Mexico / IMDG / IATA** : Not regulated.

**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

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**U.S. Federal regulations** : TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
Clean Water Act (CWA) 311: Sodium hydroxide

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

#### SARA 302/304

##### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

#### SARA 311/312

**Classification** :  GenetiSure Dx Wash Buffer 1 Not applicable.  
GenetiSure Dx Wash Buffer 2 Not applicable.

##### Composition/information on ingredients

No products were found.

#### State regulations

**Massachusetts** : None of the components are listed.

**New York** : None of the components are listed.

**New Jersey** : None of the components are listed.

**Pennsylvania** : None of the components are listed.

#### 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.

#### Inventory list

**Australia** : All components are listed or exempted.

**Canada** : All components are listed or exempted.

## Section 15. Regulatory information

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

## Section 16. Other information

### History

<b>Date of issue</b>	: 11/08/2017
<b>Date of previous issue</b>	: 10/03/2016.
<b>Version</b>	: 3

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.