

SAFETY DATA SHEET

High Sensitivity D1000 Reagents

Section 1. Identification

1.1 Product identifier

Product name	: High Sensitivity D1000 Reagents		
Part no. (chemical kit)	: 5067-5585		
Part no.	High Sensitivity D1000 Sample Buffer	5190-6504	High Sensitivity D1000 Ladder 5008-0025
Validation date	: 8/12/2024		

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

Identified uses	: For research use only.		
	High Sensitivity D1000 Sample Buffer	1 x 300 µl vials	High Sensitivity D1000 Ladder 1 x 30 µl vials
Uses advised against	: Not for use in diagnostic procedures.		

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer	: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770		
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1.4 Emergency telephone number

In case of emergency	: CHEMTREC®: 1-800-424-9300		
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Section 2. Hazards identification

2.1 Classification of the substance or mixture

OSHA/HCS status	High Sensitivity D1000 Sample Buffer	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.
	High Sensitivity D1000 Ladder	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.

High Sensitivity D1000 Sample Buffer	Percentage of the mixture consisting of ingredient (s) of unknown hazards to the aquatic environment: 13.7%
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2.2 GHS label elements

Signal word	High Sensitivity D1000 Sample Buffer	No signal word.
	High Sensitivity D1000 Ladder	No signal word.

Section 2. Hazards identification

Hazard statements	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	No known significant effects or critical hazards. No known significant effects or critical hazards.
Precautionary statements		
Prevention	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	Not applicable.
Response	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	Not applicable. Not applicable.
Storage	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	Not applicable. Not applicable.
Disposal	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	Not applicable. Not applicable.
Supplemental label elements	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	None known. None known.
2.3 Other hazards		
Hazards not otherwise classified	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	None known. None known.

Section 3. Composition/information on ingredients

Substance/mixture	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	Mixture Mixture
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There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Section 4. First aid measures

4.1 Description of necessary first aid measures

Eye contact	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 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. 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	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Section 4. First aid measures

Ingestion	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	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.
	High Sensitivity D1000 Ladder	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.

4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No known significant effects or critical hazards.
Inhalation	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No known significant effects or critical hazards.
Skin contact	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No known significant effects or critical hazards.
Ingestion	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No known significant effects or critical hazards.
	High Sensitivity D1000 Ladder	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No specific data.
Inhalation	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No specific data.
Skin contact	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No specific data.
Ingestion	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No specific data.
	High Sensitivity D1000 Ladder	No specific data.

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

Notes to physician	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	High Sensitivity D1000 Ladder	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No specific treatment.
Protection of first-aiders	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	No action shall be taken involving any personal risk or without suitable training.
	High Sensitivity D1000 Ladder	No action shall be taken involving any personal risk or without suitable training.

Section 4. First aid measures

See toxicological information (Section 11)

Section 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder 	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder 	None known. None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer <input checked="" type="checkbox"/> High Sensitivity D1000 Ladder 	In a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder 	Decomposition products may include the following materials: carbon dioxide carbon monoxide No specific data.

5.3 Advice for firefighters

Special protective actions for fire-fighters	: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 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. 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	: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder 	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. 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

For non-emergency personnel	: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 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 spilled material. Put on appropriate personal protective equipment. 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
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Section 6. Accidental release measures

For emergency responders	:	High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	appropriate personal protective equipment. 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". 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".
6.2 Environmental precautions	:	High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	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). 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).
6.3 Methods and materials for containment and cleaning up			
Methods for cleaning up	:	High Sensitivity D1000 Sample Buffer High Sensitivity D1000 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. 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	:	Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	:	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. 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.

Section 7. Handling and storage

7.2 Conditions for safe storage, including any incompatibilities	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	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.
	High Sensitivity D1000 Ladder	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.

7.3 Specific end use(s)

Recommendations	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	Industrial applications, Professional applications.
Industrial sector specific solutions	<ul style="list-style-type: none"> High Sensitivity D1000 Ladder 	Industrial applications, Professional applications.
	<ul style="list-style-type: none"> : High Sensitivity D1000 Sample Buffer 	Not available.
	High Sensitivity D1000 Ladder	Not available.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
None.	

Biological exposure indices

No exposure indices known.

8.2 Exposure controls

Appropriate engineering controls	<ul style="list-style-type: none"> : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	<ul style="list-style-type: none"> : 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	<ul style="list-style-type: none"> : 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.
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Section 8. Exposure controls/personal protection

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

Physical state	: High Sensitivity D1000 Sample Buffer	Liquid.
Color	: High Sensitivity D1000 Ladder	Liquid.
Odor	: High Sensitivity D1000 Sample Buffer	Colorless.
Odor threshold	: High Sensitivity D1000 Ladder	Colorless.
pH	: High Sensitivity D1000 Sample Buffer	Odorless.
Melting point/freezing point	: High Sensitivity D1000 Ladder	Not available.
Boiling point, initial boiling point, and boiling range	: High Sensitivity D1000 Sample Buffer	Not available.
Flash point	: High Sensitivity D1000 Ladder	8
Evaporation rate	: High Sensitivity D1000 Sample Buffer	8
Flammability	: High Sensitivity D1000 Ladder	Not available.

Section 9. Physical and chemical properties and safety characteristics

Lower and upper explosion limit/flammability limit	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	Not available. Not available.																																									
Vapor pressure	: <input checked="" type="checkbox"/>	<table border="1"> <thead> <tr> <th rowspan="2">Ingredient name</th> <th colspan="3">Vapor Pressure at 20°C</th> <th colspan="3">Vapor pressure at 50°C</th> </tr> <tr> <th>mm Hg</th> <th>kPa</th> <th>Method</th> <th>mm Hg</th> <th>kPa</th> <th>Method</th> </tr> </thead> <tbody> <tr> <td>High Sensitivity D1000 Sample Buffer</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>water</td><td>17.5</td><td>2.3</td><td>-</td><td>92.258</td><td>12.3</td><td>-</td></tr> <tr> <td>High Sensitivity D1000 Ladder</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>water</td><td>17.5</td><td>2.3</td><td>-</td><td>92.258</td><td>12.3</td><td>-</td></tr> </tbody> </table>	Ingredient name	Vapor Pressure at 20°C			Vapor pressure at 50°C			mm Hg	kPa	Method	mm Hg	kPa	Method	High Sensitivity D1000 Sample Buffer							water	17.5	2.3	-	92.258	12.3	-	High Sensitivity D1000 Ladder							water	17.5	2.3	-	92.258	12.3	-
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Partition coefficient: n-octanol/water	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	Not applicable. Not applicable.																																									
Auto-ignition temperature	: Not available.																																										
Decomposition temperature	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	Not available. Not available.																																									
Viscosity	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	Not available. Not available.																																									
<u>Particle characteristics</u>																																											
Median particle size	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	Not applicable. Not applicable.																																									

Section 10. Stability and reactivity

10.1 Reactivity	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: <input checked="" type="checkbox"/> High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	The product is stable. The product is stable.

Section 10. Stability and reactivity

10.3 Possibility of hazardous reactions	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No specific data. No specific data.
10.5 Incompatible materials	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials.
10.6 Hazardous decomposition products	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	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

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)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure

: High Sensitivity D1000 Sample Buffer
High Sensitivity D1000 Ladder

Not available.

Not available.

Potential acute health effects

Section 11. Toxicological information

Eye contact	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No known significant effects or critical hazards. No known significant effects or critical hazards.
Inhalation	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No known significant effects or critical hazards. No known significant effects or critical hazards.
Skin contact	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	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

Eye contact	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No specific data. No specific data.
Inhalation	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No specific data. No specific data.
Skin contact	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No specific data. No specific data.
Ingestion	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No specific data. No specific data. No specific data.

Delayed and immediate effects and also 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

General	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No known significant effects or critical hazards. No known significant effects or critical hazards.
Carcinogenicity	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	No known significant effects or critical hazards. No known significant effects or critical hazards.
Reproductive toxicity	: High Sensitivity D1000 Sample Buffer High Sensitivity D1000 Ladder	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

N/A

Section 11. Toxicological information

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_{oc}) : 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 / : Not regulated.

IATA

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.

Section 14. Transport information

Transport in bulk according to IMO instruments : 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 Air Act Section 112 : Not listed

(b) Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602 : Not listed
Class I Substances

Clean Air Act Section 602 : Not listed
Class II Substances

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
High Sensitivity D1000 Sample Buffer Sodium azide	<0.1	Yes.	500	-	1000	-

SARA 304 RQ : 3939334.3 lbs / 1788457.8 kg

SARA 311/312

Classification : High Sensitivity D1000 Sample Buffer
High Sensitivity D1000 Ladder Not applicable.
Not applicable.

Composition/information on ingredients

Name	%	Classification
High Sensitivity D1000 Sample Buffer Sucrose	≥10 - ≤25	COMBUSTIBLE DUSTS

State regulations

Massachusetts : The following components are listed: SUCROSE DUST

New York : None of the components are listed.

New Jersey : The following components are listed: DIMETHYL SULFOXIDE; METHANE, SULFINYLBIS-

Pennsylvania : The following components are listed: .ALPHA.-D-GLUCOPYRANOSIDE, .BETA.-D-FRUCTOFURANOSYL

California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Section 15. Regulatory information

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	: Not determined.
Canada	: Not determined.
China	: All components are listed or exempted.
Japan	: Japan inventory (CSCL) : Not determined. : Japan inventory (ISHL) : Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
Not classified.	

History

Date of issue/Date of revision	: 08/12/2024
Date of previous issue	: 06/30/2023
Version	: 8
Key to abbreviations	: 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) N/A = Not available UN = United Nations

 Indicates information that has changed from previously issued version.

Notice to reader

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