



# Safety Data Sheet

Canada

## Section 1. Identification

Product name

**Water; part of 'CytoSure™ HT Genomic DNA Labelling Kit'**

Catalogue Number

29246849



9 0 5 0 0 4 0

Component Number

29246849-7

Synonym

Product type

Liquid.

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

Not applicable.

**Supplier** Cytiva  
Amersham Place  
Little Chalfont  
Buckinghamshire  
HP7 9NA United Kingdom  
+44 0800 515 313

**Importer** Cytiva Canada  
250 Howe Street, Suite 1400-C  
Vancouver, British Columbia, Canada, V6C 3S7  
1 800 463 5800

In case of emergency

Canada

ChemTrec (US)

1-703-527-3887

## Section 2. Hazard identification

**Classification of the substance or mixture**

### GHS label elements

**Signal word**

**Hazard statements**

**Precautionary statements**

**Prevention**

**Response**

**Storage**

**Disposal**

**Supplemental label elements**

**Other hazards which do not result in classification**



9 5 2 8 9 7 8 8 2 2 7

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## Section 3. Composition/information on ingredients

Substance/mixture

Other means of identification

### CAS number/other identifiers

CAS number

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.

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## Section 4. First-aid measures

### Description of necessary first aid measures

Eye contact

Inhalation

Skin contact

Ingestion

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

#### Potential acute health effects

Eye contact

Inhalation

Skin contact

Ingestion

#### Over-exposure signs/symptoms

Eye contact

Inhalation

Skin contact

Ingestion

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

Notes to physician

Specific treatments

Protection of first-aiders

See toxicological information (Section 11)

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## Section 5. Fire-fighting measures

### Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing  
media

Specific hazards arising from  
the chemical

Hazardous thermal  
decomposition products

Special protective actions for  
fire-fighters

Special protective equipment  
for fire-fighters



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## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

For emergency responders

Environmental precautions

### Methods and materials for containment and cleaning up

Small spill

Large spill

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## Section 7. Handling and storage

### Precautions for safe handling

Protective measures

Advice on general  
occupational hygiene

Conditions for safe storage,  
including any incompatibilities

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## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

Appropriate engineering  
controls

Environmental exposure  
controls

### Individual protection measures

Hygiene measures

Eye/face protection

#### Skin protection

Hand protection

Body protection

Other skin protection

Respiratory protection

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## Section 9. Physical and chemical properties

### Appearance

Physical state	Liquid.
Color	Colorless.
Odor	Odorless.
Odor threshold	Not available.
pH	7 [Conc. (% w/w): 100%]
Melting point	0°C (32°F)
Boiling point	100°C (212°F)
Flash point	Not available.
Evaporation rate	Not available.



<b>Flammability (solid, gas)</b>	Non-flammable in the presence of the following materials or conditions: open flames, sparks and static discharge, heat, shocks and mechanical impacts, oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis and moisture.
<b>Lower and upper explosive (flammable) limits</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility</b>	Easily soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/ water</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Flow time (ISO 2431)</b>	

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## Section 10. Stability and reactivity

### Reactivity

### Chemical stability

### Possibility of hazardous reactions

### Conditions to avoid

### Incompatible materials

### Hazardous decomposition products

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## Section 11. Toxicological information

### 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.



**Information on the likely routes of exposure****Potential acute health effects**

Eye contact  
Inhalation  
Skin contact  
Ingestion

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

Eye contact  
Inhalation  
Skin contact  
Ingestion

**Delayed and immediate effects and also chronic effects from short and long term exposure****Short term exposure**

Potential immediate effects  
Potential delayed effects

**Long term exposure**

Potential immediate effects  
Potential delayed effects

**Potential chronic health effects**

Not available.

General  
Carcinogenicity  
Mutagenicity  
Teratogenicity  
Developmental effects  
Fertility effects

**Numerical measures of toxicity****Acute toxicity estimates**

N/A

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**Section 12. Ecological information****Toxicity**

Not available.

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Not available.

**Mobility in soil**

Soil/water partition coefficient  
(K<sub>oc</sub>)

**Other adverse effects**

## Section 13. Disposal considerations

### Disposal methods

## Section 14. Transport information

	TDG Classification	DOT Classification	ADR/RID	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name			-		-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards					
Additional information	-	-	-	-	-

### Special precautions for user

Transport in bulk according to Annex II of MARPOL and the IBC Code Not available.

## Section 15. Regulatory information

### Canadian lists

### International regulations

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

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

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

Not listed.

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

Not listed.

### Inventory list

Canada	All components are listed or exempted.
Europe	All components are listed or exempted.
United States	All components are listed or exempted.

## Section 16. Other information

### History

Date of printing	5/13/2020
Date of issue/Date of revision	10/9/2019
Date of previous issue	6/12/2017
Version	2
	sds_author@cytiva.com



**Key to abbreviations**

ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
HPR = Hazardous Products Regulations  
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

**Procedure used to derive the classification**

	<b>Classification</b>	<b>Justification</b>
	Not classified.	

**References**

Not available.



Indicates information that has changed from previously issued version.

**Notice to reader**

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