

SAFETY DATA SHEET

AccuScript High Fidelity 1st Strand cDNA Synthesis Kit

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	: AccuScript High Fidelity 1st Strand cDNA Synthesis Kit	
CAS number	: RNase-Free Water	7732-18-5
	: AccuScript High Fidelity RT	Not applicable.
	: 10X AccuScript RT Buffer	Not applicable.
	: RNase Block	Not applicable.
	: 100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	: Oligo(dT) Primer	Not applicable.
	: Random Primers	Not applicable.
	: 100 mM DTT	Not applicable.
Part no. (chemical kit)	: 200820	
Part no.	: RNase-Free Water	600164-58
	: AccuScript High Fidelity RT	600089-54
	: 10X AccuScript RT Buffer	600089-52
	: RNase Block	200820-56
	: 100 mM dNTP Mix (25 mM each dNTP)	200820-55
	: Oligo(dT) Primer	200820-52
	: Random Primers	200420-53
	: 100 mM DTT	600089-53

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

Identified uses	: Analytical reagent.	
	: RNase-Free Water	1.2 ml
	: AccuScript High Fidelity RT	0.05 ml (50 reactions)
	: 10X AccuScript RT Buffer	0.1 ml
	: RNase Block	0.025 ml (1000 U 40 U/μl)
	: 100 mM dNTP Mix (25 mM each dNTP)	0.04 ml
	: Oligo(dT) Primer	0.05 ml (25 μg 0.5 μg/μl)
	: Random Primers	0.15 ml (15 μg 0.1 μg/μl)
	: 100 mM DTT	0.1 ml
Uses advised against	: None known.	

1.3 Details of the supplier of the safety data sheet

Agilent Technologies Deutschland GmbH
Hewlett-Packard-Str. 8
76337 Waldbronn
Germany
0800 603 1000

e-mail address of person responsible for this SDS : pdl-msds_author@agilent.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation) : CHEMTREC®: +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition	:	RNase-Free Water	Mono-constituent substance
		AccuScript High Fidelity RT	Mixture
		10X AccuScript RT Buffer	Mixture
		RNase Block	Mixture
		100 mM dNTP Mix (25 mM each dNTP)	Mixture
		Oligo(dT) Primer	Mixture
		Random Primers	Mixture
		100 mM DTT	Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

RNase-Free Water	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
AccuScript High Fidelity RT	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
10X AccuScript RT Buffer	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
RNase Block	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
100 mM dNTP Mix (25 mM each dNTP)	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
Oligo(dT) Primer	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
Random Primers	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
100 mM DTT	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Ingredients of unknown toxicity	:	AccuScript High Fidelity RT	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%
		10X AccuScript RT Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%
		RNase Block	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 10 - 30%
		100 mM dNTP Mix (25 mM each dNTP)	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%
			Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%
			Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
			Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity: 1 - 10%
		100 mM DTT	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%
			Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
Ingredients of unknown ecotoxicity	:	100 mM dNTP Mix (25 mM each dNTP)	Contains 5.7% of components with unknown hazards to the aquatic environment

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

SECTION 2: Hazards identification

Signal word	:	RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	No signal word. No signal word. No signal word. No signal word. No signal word. No signal word. No signal word. No signal word.
Hazard statements	:	RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<u>Precautionary statements</u>			
Prevention	:	RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Response	:	RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Storage	:	RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

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Disposal	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Supplemental label elements	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Safety data sheet available on request.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

Special packaging requirements

Tactile warning of danger	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
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2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

	PBT	P	B	T	vPvB	vP	vB
RNase-Free Water							
Not applicable (Inorganic)		N/A	N/A	N/A	Not applicable (Inorganic)	N/A	N/A

AccuScript High Fidelity RT This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
 10X AccuScript RT Buffer This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
 RNase Block This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
 100 mM dNTP Mix (25 This mixture does not contain any substances that are

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SECTION 2: Hazards identification

<p>mM each dNTP) Oligo(dT) Primer</p> <p>Random Primers</p> <p>100 mM DTT</p> <p>Other hazards which do not result in classification</p>	<p>: RNase-Free Water</p> <p>AccuScript High Fidelity RT</p> <p>10X AccuScript RT Buffer</p> <p>RNase Block</p> <p>100 mM dNTP Mix (25 mM each dNTP)</p> <p>Oligo(dT) Primer</p> <p>Random Primers</p> <p>100 mM DTT</p>	<p>assessed to be a PBT or a vPvB.</p> <p>This mixture does not contain any substances that are assessed to be a PBT or a vPvB.</p> <p>This mixture does not contain any substances that are assessed to be a PBT or a vPvB.</p> <p>This mixture does not contain any substances that are assessed to be a PBT or a vPvB.</p> <p>None known.</p> <p>None known.</p> <p>None known.</p> <p>None known.</p> <p>None known.</p> <p>None known.</p> <p>None known.</p> <p>None known.</p> <p>None known.</p> <p>None known.</p>
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SECTION 3: Composition/information on ingredients

<p>3.1 Substances</p>	<p>: RNase-Free Water</p> <p>AccuScript High Fidelity RT</p> <p>10X AccuScript RT Buffer</p> <p>RNase Block</p> <p>100 mM dNTP Mix (25 mM each dNTP)</p> <p>Oligo(dT) Primer</p> <p>Random Primers</p> <p>100 mM DTT</p>	<p>Mono-constituent substance</p> <p>Mixture</p> <p>Mixture</p> <p>Mixture</p> <p>Mixture</p> <p>Mixture</p> <p>Mixture</p> <p>Mixture</p> <p>Mixture</p>
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Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
RNase-Free Water water	REACH #: Annex IV EC: 231-791-2 CAS: 7732-18-5	100	Not classified.	-	[1]
AccuScript High Fidelity RT glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	-	[1]
RNase Block glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	-	[1]
100 mM DTT (R*,R*) -1,4-dimercaptobutane-2,3-diol	EC: 222-468-7 CAS: 3483-12-3	≤3	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 3, H412	ATE [Oral] = 500 mg/kg	[1]

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SECTION 3: Composition/information on ingredients

			See Section 16 for the full text of the H statements declared above.		
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There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type

RNase-Free Water	[1] Constituent
AccuScript High Fidelity RT	[1] Substance with a workplace exposure limit
RNase Block	[1] Substance with a workplace exposure limit
100 mM DTT	[1] Substance classified with a health or environmental hazard

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

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	: RNase-Free Water	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.	
	AccuScript High Fidelity RT	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.	
	10X AccuScript RT 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.	
	RNase Block	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.	
	100 mM dNTP Mix (25 mM each dNTP)	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.	
	Oligo(dT) Primer	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.	
	Random Primers	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.	
	100 mM DTT	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	: RNase-Free Water	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		AccuScript High Fidelity RT	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
10X AccuScript RT Buffer		Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	
RNase Block		Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.	
100 mM dNTP Mix (25 mM each dNTP)		Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	
Oligo(dT) Primer		Remove victim to fresh air and keep at rest in a position	

SECTION 4: First aid measures

		comfortable for breathing. Get medical attention if symptoms occur.
	Random Primers	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	100 mM DTT	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: RNase-Free Water	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	AccuScript High Fidelity RT	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	10X AccuScript RT Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	RNase Block	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	100 mM dNTP Mix (25 mM each dNTP)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Oligo(dT) Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Random Primers	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	100 mM DTT	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: RNase-Free Water	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.
	AccuScript High Fidelity RT	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.
	10X AccuScript RT 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.
	RNase Block	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.
	100 mM dNTP Mix (25 mM each dNTP)	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.
	Oligo(dT) Primer	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.
	Random Primers	Wash out mouth with water. If material has been swallowed

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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.

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.

No action shall be taken involving any personal risk or without suitable training.

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No action shall be taken involving any personal risk or without suitable training.

- Protection of first-aiders** :
- RNase-Free Water
 - AccuScript High Fidelity RT
 - 10X AccuScript RT Buffer
 - RNase Block
 - 100 mM dNTP Mix (25 mM each dNTP)
 - Oligo(dT) Primer
 - Random Primers
 - 100 mM DTT

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

- Eye contact** :
- RNase-Free Water: No known significant effects or critical hazards.
 - AccuScript High Fidelity RT: No known significant effects or critical hazards.
 - 10X AccuScript RT Buffer: No known significant effects or critical hazards.
 - RNase Block: No known significant effects or critical hazards.
 - 100 mM dNTP Mix (25 mM each dNTP): No known significant effects or critical hazards.
 - Oligo(dT) Primer: No known significant effects or critical hazards.
 - Random Primers: No known significant effects or critical hazards.
 - 100 mM DTT: No known significant effects or critical hazards.
- Inhalation** :
- RNase-Free Water: No known significant effects or critical hazards.
 - AccuScript High Fidelity RT: No known significant effects or critical hazards.
 - 10X AccuScript RT Buffer: No known significant effects or critical hazards.
 - RNase Block: No known significant effects or critical hazards.
 - 100 mM dNTP Mix (25 mM each dNTP): No known significant effects or critical hazards.
 - Oligo(dT) Primer: No known significant effects or critical hazards.
 - Random Primers: No known significant effects or critical hazards.
 - 100 mM DTT: No known significant effects or critical hazards.
- Skin contact** :
- RNase-Free Water: No known significant effects or critical hazards.
 - AccuScript High Fidelity RT: No known significant effects or critical hazards.
 - 10X AccuScript RT Buffer: No known significant effects or critical hazards.
 - RNase Block: No known significant effects or critical hazards.
 - 100 mM dNTP Mix (25 mM each dNTP): No known significant effects or critical hazards.
 - Oligo(dT) Primer: No known significant effects or critical hazards.
 - Random Primers: No known significant effects or critical hazards.
 - 100 mM DTT: No known significant effects or critical hazards.

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Ingestion	:	RNase-Free Water	No known significant effects or critical hazards.
		AccuScript High Fidelity RT	No known significant effects or critical hazards.
		10X AccuScript RT Buffer	No known significant effects or critical hazards.
		RNase Block	No known significant effects or critical hazards.
		100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
		Oligo(dT) Primer	No known significant effects or critical hazards.
		Random Primers	No known significant effects or critical hazards.
		100 mM DTT	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	:	RNase-Free Water	No specific data.
		AccuScript High Fidelity RT	No specific data.
		10X AccuScript RT Buffer	No specific data.
		RNase Block	No specific data.
		100 mM dNTP Mix (25 mM each dNTP)	No specific data.
		Oligo(dT) Primer	No specific data.
		Random Primers	No specific data.
		100 mM DTT	No specific data.

Inhalation	:	RNase-Free Water	No specific data.
		AccuScript High Fidelity RT	No specific data.
		10X AccuScript RT Buffer	No specific data.
		RNase Block	No specific data.
		100 mM dNTP Mix (25 mM each dNTP)	No specific data.
		Oligo(dT) Primer	No specific data.
		Random Primers	No specific data.
		100 mM DTT	No specific data.

Skin contact	:	RNase-Free Water	No specific data.
		AccuScript High Fidelity RT	No specific data.
		10X AccuScript RT Buffer	No specific data.
		RNase Block	No specific data.
		100 mM dNTP Mix (25 mM each dNTP)	No specific data.
		Oligo(dT) Primer	No specific data.
		Random Primers	No specific data.
		100 mM DTT	No specific data.

Ingestion	:	RNase-Free Water	No specific data.
		AccuScript High Fidelity RT	No specific data.
		10X AccuScript RT Buffer	No specific data.
		RNase Block	No specific data.
		100 mM dNTP Mix (25 mM each dNTP)	No specific data.
		Oligo(dT) Primer	No specific data.
		Random Primers	No specific data.
		100 mM DTT	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

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Notes to physician	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. 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. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	None known. None known. None known. None known. None known. None known. None known. None known.

5.2 Special hazards arising from the substance or mixture

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Hazards from the substance or mixture

: RNase-Free Water	In a fire or if heated, a pressure increase will occur and the container may burst.
AccuScript High Fidelity RT	In a fire or if heated, a pressure increase will occur and the container may burst.
10X AccuScript RT Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
RNase Block	In a fire or if heated, a pressure increase will occur and the container may burst.
100 mM dNTP Mix (25 mM each dNTP)	In a fire or if heated, a pressure increase will occur and the container may burst.
Oligo(dT) Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
Random Primers	In a fire or if heated, a pressure increase will occur and the container may burst.
100 mM DTT	In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products

: RNase-Free Water	No specific data.
AccuScript High Fidelity RT	Decomposition products may include the following materials: carbon dioxide carbon monoxide
10X AccuScript RT Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
RNase Block	Decomposition products may include the following materials: carbon dioxide carbon monoxide
100 mM dNTP Mix (25 mM each dNTP)	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
Oligo(dT) Primer	No specific data.
Random Primers	No specific data.
100 mM DTT	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides

5.3 Advice for firefighters

Special precautions for fire-fighters

: RNase-Free Water	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.
AccuScript High Fidelity RT	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.
10X AccuScript RT 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 without suitable training.
RNase Block	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.
100 mM dNTP Mix (25 mM each dNTP)	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.
Oligo(dT) Primer	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.

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Special protective equipment for fire-fighters

Random Primers	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.
100 mM DTT	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.
: RNase-Free Water	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
AccuScript High Fidelity RT	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
10X AccuScript RT Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
RNase Block	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
100 mM dNTP Mix (25 mM each dNTP)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
Oligo(dT) Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
Random Primers	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
100 mM DTT	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

SECTION 6: Accidental release measures

For non-emergency personnel	: RNase-Free Water	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.
	AccuScript High Fidelity RT	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.
	10X AccuScript RT 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.
	RNase Block	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.
	100 mM dNTP Mix (25 mM each dNTP)	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.
	Oligo(dT) Primer	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.
	Random Primers	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	100 mM DTT	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.
	: RNase-Free Water	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".
	AccuScript High Fidelity RT	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".
	10X AccuScript RT 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".
	RNase Block	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".
	100 mM dNTP Mix (25 mM each dNTP)	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".
Oligo(dT) Primer	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".	

SECTION 6: Accidental release measures

Random Primers 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".

100 mM DTT 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".

6.2 Environmental precautions

- : RNase-Free Water 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).
- AccuScript High Fidelity RT 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).
- 10X AccuScript RT 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).
- RNase Block 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).
- 100 mM dNTP Mix (25 mM each dNTP) 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).
- Oligo(dT) Primer 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).
- Random Primers 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).
- 100 mM DTT 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).

6.3 Methods and material for containment and cleaning up

- Methods for cleaning up**
- : RNase-Free Water 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.
 - AccuScript High Fidelity RT 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.
 - 10X AccuScript RT 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.
 - RNase Block 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.

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100 mM dNTP Mix (25 mM each dNTP)	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.
Oligo(dT) Primer	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.
Random Primers	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.
100 mM DTT	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.

6.4 Reference to other sections : See Section 1 for emergency contact information.
 See Section 8 for information on appropriate personal protective equipment.
 See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures	: RNase-Free Water	Put on appropriate personal protective equipment (see Section 8).
	AccuScript High Fidelity RT	Put on appropriate personal protective equipment (see Section 8).
	10X AccuScript RT Buffer	Put on appropriate personal protective equipment (see Section 8).
	RNase Block	Put on appropriate personal protective equipment (see Section 8).
	100 mM dNTP Mix (25 mM each dNTP)	Put on appropriate personal protective equipment (see Section 8).
	Oligo(dT) Primer	Put on appropriate personal protective equipment (see Section 8).
	Random Primers	Put on appropriate personal protective equipment (see Section 8).
	100 mM DTT	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	: RNase-Free Water	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.
	AccuScript High Fidelity RT	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.
	10X AccuScript RT 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.
	RNase Block	Eating, drinking and smoking should be prohibited in areas

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	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.
100 mM dNTP Mix (25 mM each dNTP)	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.
Oligo(dT) Primer	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.
Random Primers	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.
100 mM DTT	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

Storage	: RNase-Free Water	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.
	AccuScript High Fidelity RT	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.
	10X AccuScript RT 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	RNase Block	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and

SECTION 7: Handling and storage

	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.
100 mM dNTP Mix (25 mM each dNTP)	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.
Oligo(dT) Primer	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.
Random Primers	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.
100 mM DTT	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.

7.3 Specific end use(s)

Recommendations

: RNase-Free Water	Industrial applications, Professional applications.
AccuScript High Fidelity RT	Industrial applications, Professional applications.
10X AccuScript RT Buffer	Industrial applications, Professional applications.
RNase Block	Industrial applications, Professional applications.
100 mM dNTP Mix (25 mM each dNTP)	Industrial applications, Professional applications.
Oligo(dT) Primer	Industrial applications, Professional applications.
Random Primers	Industrial applications, Professional applications.
100 mM DTT	Industrial applications, Professional applications.

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Industrial sector specific solutions	: RNase-Free Water	Not available.
	AccuScript High Fidelity RT	Not available.
	10X AccuScript RT Buffer	Not available.
	RNase Block	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Oligo(dT) Primer	Not available.
	Random Primers	Not available.
	100 mM DTT	Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
AccuScript High Fidelity RT Glycerol	NAOSH (Ireland, 5/2021). Notes: Advisory Occupational Exposure Limit Values (OELVs) OELV: 10 mg/m ³ 8 hours. Form: mist
RNase Block Glycerol	NAOSH (Ireland, 5/2021). Notes: Advisory Occupational Exposure Limit Values (OELVs) OELV: 10 mg/m ³ 8 hours. Form: mist

Biological exposure indices

No exposure indices known.

Recommended monitoring procedures

: Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

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

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.

SECTION 8: Exposure controls/personal protection

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.
- 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.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Physical state	: RNase-Free Water	Liquid.	
	AccuScript High Fidelity RT	Liquid.	
	10X AccuScript RT Buffer	Liquid.	
	RNase Block	Liquid.	
	100 mM dNTP Mix (25 mM each dNTP)	Liquid.	
	Oligo(dT) Primer	Liquid.	
	Random Primers	Liquid.	
	100 mM DTT	Liquid.	
	Colour	: RNase-Free Water	Colourless.
		AccuScript High Fidelity RT	Not available.
10X AccuScript RT Buffer		Not available.	
RNase Block		Not available.	
100 mM dNTP Mix (25 mM each dNTP)		Not available.	
Oligo(dT) Primer		Not available.	
Random Primers		Not available.	
100 mM DTT		Not available.	
Odour		: RNase-Free Water	Odourless.
		AccuScript High Fidelity RT	Not available.
	10X AccuScript RT Buffer	Not available.	
	RNase Block	Not available.	
	100 mM dNTP Mix (25 mM each dNTP)	Not available.	
	Oligo(dT) Primer	Not available.	
	Random Primers	Not available.	
	100 mM DTT	Not available.	

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Odour threshold	:	RNase-Free Water	Not available.	
		AccuScript High Fidelity RT	Not available.	
		10X AccuScript RT Buffer	Not available.	
		RNase Block	Not available.	
		100 mM dNTP Mix (25 mM each dNTP)	Not available.	
		Oligo(dT) Primer	Not available.	
		Random Primers	Not available.	
		100 mM DTT	Not available.	
	Melting point/freezing point	:	RNase-Free Water	0°C
			AccuScript High Fidelity RT	Not available.
		10X AccuScript RT Buffer	Not available.	
		RNase Block	Not available.	
		100 mM dNTP Mix (25 mM each dNTP)	Not available.	
		Oligo(dT) Primer	0°C	
		Random Primers	0°C	
		100 mM DTT	0°C	
Initial boiling point and boiling range		:	RNase-Free Water	100°C
			AccuScript High Fidelity RT	Not available.
		10X AccuScript RT Buffer	Not available.	
		RNase Block	Not available.	
		100 mM dNTP Mix (25 mM each dNTP)	Not available.	
		Oligo(dT) Primer	100°C	
		Random Primers	100°C	
		100 mM DTT	100°C	
	Flammability	:	RNase-Free Water	Not applicable.
			AccuScript High Fidelity RT	Not applicable.
		10X AccuScript RT Buffer	Not applicable.	
		RNase Block	Not applicable.	
		100 mM dNTP Mix (25 mM each dNTP)	Not applicable.	
		Oligo(dT) Primer	Not applicable.	
		Random Primers	Not applicable.	
		100 mM DTT	Not applicable.	
Upper/lower flammability or explosive limits		:	RNase-Free Water	Not available.
			AccuScript High Fidelity RT	Not available.
		10X AccuScript RT Buffer	Not available.	
		RNase Block	Not available.	
		100 mM dNTP Mix (25 mM each dNTP)	Not available.	
		Oligo(dT) Primer	Not available.	
		Random Primers	Not available.	
		100 mM DTT	Not available.	
	Flash point	:		

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SECTION 9: Physical and chemical properties

	Ingredient name	Closed cup		Open cup	
		°C	Method	°C	Method
Auto-ignition temperature	AccuScript High Fidelity RT				
	glycerol	-	-	177	-
	RNase Block				
	glycerol	-	-	177	-
	100 mM DTT				
	(R*,R*)-1,4-dimercaptobutane-2,3-diol	>110	-	-	-
Decomposition temperature	AccuScript High Fidelity RT				
	glycerol		370		-
	RNase Block				
	glycerol		370		-
pH	RNase-Free Water				7
	AccuScript High Fidelity RT				8
	10X AccuScript RT Buffer				8.3
	RNase Block				7.6
	100 mM dNTP Mix (25 mM each dNTP)				7.5
	Oligo(dT) Primer				7.5
	Random Primers				7.5
	100 mM DTT				Not available.
Viscosity	RNase-Free Water				Not available.
	AccuScript High Fidelity RT				Not available.
	10X AccuScript RT Buffer				Not available.
	RNase Block				Not available.
	100 mM dNTP Mix (25 mM each dNTP)				Not available.
	Oligo(dT) Primer				Not available.
	Random Primers				Not available.
	100 mM DTT				Not available.

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SECTION 9: Physical and chemical properties

Solubility(ies)	Media	Result
	RNase-Free Water water	Soluble
	AccuScript High Fidelity RT water	Soluble
	10X AccuScript RT Buffer water	Soluble
	RNase Block water	Soluble
	100 mM dNTP Mix (25 mM each dNTP) water	Soluble
	Oligo(dT) Primer water	Soluble
	Random Primers water	Soluble
	100 mM DTT water	Soluble

Partition coefficient: n-octanol/water		
	RNase-Free Water	-1.38
	AccuScript High Fidelity RT	Not applicable.
	10X AccuScript RT Buffer	Not applicable.
	RNase Block	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Oligo(dT) Primer	Not applicable.
	Random Primers	Not applicable.
	100 mM DTT	Not applicable.

Vapour pressure		
	RNase-Free Water	2.3 kPa (17.5 mm Hg) [room temperature] 12.3 kPa (92.258 mm Hg) [50°C]

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
AccuScript High Fidelity RT						
water	17.5	2.3	-	92.258	12.3	-
glycerol	0.000075	0.00001	-	0.0025	0.00033	-
10X AccuScript RT Buffer						
water	17.5	2.3	-	92.258	12.3	-
RNase Block						
water	17.5	2.3	-	92.258	12.3	-
glycerol	0.000075	0.00001	-	0.0025	0.00033	-
100 mM dNTP Mix (25 mM each dNTP)						
water	17.5	2.3	-	92.258	12.3	-
Oligo(dT) Primer						

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water	17.5	2.3	-	92.258	12.3	-
Random Primers						
water	17.5	2.3	-	92.258	12.3	-
100 mM DTT						
water	17.5	2.3	-	92.258	12.3	-

Evaporation rate : RNase-Free Water Not available.
 AccuScript High Fidelity RT Not available.
 10X AccuScript RT Buffer Not available.
 RNase Block Not available.
 100 mM dNTP Mix (25 mM each dNTP) Not available.
 Oligo(dT) Primer Not available.
 Random Primers Not available.
 100 mM DTT Not available.

Relative density : RNase-Free Water 1
 AccuScript High Fidelity RT Not available.
 10X AccuScript RT Buffer Not available.
 RNase Block Not available.
 100 mM dNTP Mix (25 mM each dNTP) Not available.
 Oligo(dT) Primer Not available.
 Random Primers Not available.
 100 mM DTT Not available.

Vapour density : RNase-Free Water 0.62 [Air = 1]
 AccuScript High Fidelity RT Not available.
 10X AccuScript RT Buffer Not available.
 RNase Block Not available.
 100 mM dNTP Mix (25 mM each dNTP) Not available.
 Oligo(dT) Primer Not available.
 Random Primers Not available.
 100 mM DTT Not available.

Explosive properties : RNase-Free Water Not available.
 AccuScript High Fidelity RT Not available.
 10X AccuScript RT Buffer Not available.
 RNase Block Not available.
 100 mM dNTP Mix (25 mM each dNTP) Not available.
 Oligo(dT) Primer Not available.
 Random Primers Not available.
 100 mM DTT Not available.

Oxidising properties : RNase-Free Water Not available.
 AccuScript High Fidelity RT Not available.
 10X AccuScript RT Buffer Not available.
 RNase Block Not available.
 100 mM dNTP Mix (25 mM each dNTP) Not available.

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mM each dNTP)	
Oligo(dT) Primer	Not available.
Random Primers	Not available.
100 mM DTT	Not available.

Particle characteristics

Median particle size	:	RNase-Free Water	Not applicable.
		AccuScript High Fidelity RT	Not applicable.
		10X AccuScript RT Buffer	Not applicable.
		RNase Block	Not applicable.
		100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
		Oligo(dT) Primer	Not applicable.
		Random Primers	Not applicable.
		100 mM DTT	Not applicable.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	:	RNase-Free Water	No specific test data related to reactivity available for this product or its ingredients.
		AccuScript High Fidelity RT	No specific test data related to reactivity available for this product or its ingredients.
		10X AccuScript RT Buffer	No specific test data related to reactivity available for this product or its ingredients.
		RNase Block	No specific test data related to reactivity available for this product or its ingredients.
		100 mM dNTP Mix (25 mM each dNTP)	No specific test data related to reactivity available for this product or its ingredients.
		Oligo(dT) Primer	No specific test data related to reactivity available for this product or its ingredients.
		Random Primers	No specific test data related to reactivity available for this product or its ingredients.
		100 mM DTT	No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability	:	RNase-Free Water	The product is stable.
		AccuScript High Fidelity RT	The product is stable.
		10X AccuScript RT Buffer	The product is stable.
		RNase Block	The product is stable.
		100 mM dNTP Mix (25 mM each dNTP)	The product is stable.
		Oligo(dT) Primer	The product is stable.
		Random Primers	The product is stable.
		100 mM DTT	The product is stable.

10.3 Possibility of hazardous reactions	:	RNase-Free Water	Under normal conditions of storage and use, hazardous reactions will not occur.
		AccuScript High Fidelity RT	Under normal conditions of storage and use, hazardous reactions will not occur.
		10X AccuScript RT Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
		RNase Block	Under normal conditions of storage and use, hazardous reactions will not occur.
		100 mM dNTP Mix (25 mM each dNTP)	Under normal conditions of storage and use, hazardous reactions will not occur.
		Oligo(dT) Primer	Under normal conditions of storage and use, hazardous reactions will not occur.

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SECTION 10: Stability and reactivity

	Random Primers	reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
	100 mM DTT	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: RNase-Free Water	No specific data.
	AccuScript High Fidelity RT	No specific data.
	10X AccuScript RT Buffer	No specific data.
	RNase Block	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Oligo(dT) Primer	No specific data.
	Random Primers	No specific data.
	100 mM DTT	No specific data.
10.5 Incompatible materials	: RNase-Free Water	May react or be incompatible with oxidising materials.
	AccuScript High Fidelity RT	May react or be incompatible with oxidising materials.
	10X AccuScript RT Buffer	May react or be incompatible with oxidising materials.
	RNase Block	May react or be incompatible with oxidising materials.
	100 mM dNTP Mix (25 mM each dNTP)	May react or be incompatible with oxidising materials.
	Oligo(dT) Primer	May react or be incompatible with oxidising materials.
	Random Primers	May react or be incompatible with oxidising materials.
	100 mM DTT	May react or be incompatible with oxidising materials.
10.6 Hazardous decomposition products	: RNase-Free Water	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	AccuScript High Fidelity RT	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	10X AccuScript RT Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	RNase Block	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	100 mM dNTP Mix (25 mM each dNTP)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Oligo(dT) Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Random Primers	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	100 mM DTT	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.

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
100 mM DTT					
100 mM DTT	33333.3	N/A	N/A	N/A	N/A
(R*,R*)-1,4-Dimercaptobutane-2,3-diol	500	N/A	N/A	N/A	N/A

SECTION 11: Toxicological information

Irritation/Corrosion

Conclusion/Summary : Not available.

Sensitiser

Skin : **100 Mm DTT**: May cause skin sensitisation.

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)

Product/ingredient name	Category	Route of exposure	Target organs
100 mM DTT (R*,R*)-1,4-Dimercaptobutane-2,3-diol	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure

RNase-Free Water	Not available.
AccuScript High Fidelity RT	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
10X AccuScript RT Buffer	Not available.
RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
100 mM dNTP Mix (25 mM each dNTP)	Not available.
Oligo(dT) Primer	Not available.
Random Primers	Not available.
100 mM DTT	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

Potential acute health effects

Inhalation

RNase-Free Water	No known significant effects or critical hazards.
AccuScript High Fidelity RT	No known significant effects or critical hazards.
10X AccuScript RT Buffer	No known significant effects or critical hazards.
RNase Block	No known significant effects or critical hazards.
100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
Oligo(dT) Primer	No known significant effects or critical hazards.
Random Primers	No known significant effects or critical hazards.
100 mM DTT	No known significant effects or critical hazards.

Ingestion

RNase-Free Water	No known significant effects or critical hazards.
AccuScript High Fidelity RT	No known significant effects or critical hazards.
10X AccuScript RT Buffer	No known significant effects or critical hazards.
RNase Block	No known significant effects or critical hazards.
100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
Oligo(dT) Primer	No known significant effects or critical hazards.
Random Primers	No known significant effects or critical hazards.
100 mM DTT	No known significant effects or critical hazards.

SECTION 11: Toxicological information

Skin contact	:	RNase-Free Water	No known significant effects or critical hazards.	
		AccuScript High Fidelity RT	No known significant effects or critical hazards.	
		10X AccuScript RT Buffer	No known significant effects or critical hazards.	
		RNase Block	No known significant effects or critical hazards.	
		100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.	
		Oligo(dT) Primer	No known significant effects or critical hazards.	
		Random Primers	No known significant effects or critical hazards.	
		100 mM DTT	No known significant effects or critical hazards.	
	Eye contact	:	RNase-Free Water	No known significant effects or critical hazards.
			AccuScript High Fidelity RT	No known significant effects or critical hazards.
		10X AccuScript RT Buffer	No known significant effects or critical hazards.	
		RNase Block	No known significant effects or critical hazards.	
		100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.	
		Oligo(dT) Primer	No known significant effects or critical hazards.	
		Random Primers	No known significant effects or critical hazards.	
		100 mM DTT	No known significant effects or critical hazards.	

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	:	RNase-Free Water	No specific data.	
		AccuScript High Fidelity RT	No specific data.	
		10X AccuScript RT Buffer	No specific data.	
		RNase Block	No specific data.	
		100 mM dNTP Mix (25 mM each dNTP)	No specific data.	
		Oligo(dT) Primer	No specific data.	
		Random Primers	No specific data.	
		100 mM DTT	No specific data.	
	Ingestion	:	RNase-Free Water	No specific data.
			AccuScript High Fidelity RT	No specific data.
		10X AccuScript RT Buffer	No specific data.	
		RNase Block	No specific data.	
		100 mM dNTP Mix (25 mM each dNTP)	No specific data.	
		Oligo(dT) Primer	No specific data.	
		Random Primers	No specific data.	
		100 mM DTT	No specific data.	
Skin contact		:	RNase-Free Water	No specific data.
			AccuScript High Fidelity RT	No specific data.
		10X AccuScript RT Buffer	No specific data.	
		RNase Block	No specific data.	
		100 mM dNTP Mix (25 mM each dNTP)	No specific data.	
		Oligo(dT) Primer	No specific data.	
		Random Primers	No specific data.	
		100 mM DTT	No specific data.	

SECTION 11: Toxicological information

Eye contact	: RNase-Free Water	No specific data.
	AccuScript High Fidelity RT	No specific data.
	10X AccuScript RT Buffer	No specific data.
	RNase Block	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Oligo(dT) Primer	No specific data.
	Random Primers	No specific data.
	100 mM DTT	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

Conclusion/Summary : Not available.

General	: RNase-Free Water	No known significant effects or critical hazards.
	AccuScript High Fidelity RT	No known significant effects or critical hazards.
	10X AccuScript RT Buffer	No known significant effects or critical hazards.
	RNase Block	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Oligo(dT) Primer	No known significant effects or critical hazards.
	Random Primers	No known significant effects or critical hazards.
	100 mM DTT	No known significant effects or critical hazards.

Carcinogenicity	: RNase-Free Water	No known significant effects or critical hazards.
	AccuScript High Fidelity RT	No known significant effects or critical hazards.
	10X AccuScript RT Buffer	No known significant effects or critical hazards.
	RNase Block	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Oligo(dT) Primer	No known significant effects or critical hazards.
	Random Primers	No known significant effects or critical hazards.
	100 mM DTT	No known significant effects or critical hazards.

Mutagenicity	: RNase-Free Water	No known significant effects or critical hazards.
	AccuScript High Fidelity RT	No known significant effects or critical hazards.
	10X AccuScript RT Buffer	No known significant effects or critical hazards.
	RNase Block	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Oligo(dT) Primer	No known significant effects or critical hazards.
	Random Primers	No known significant effects or critical hazards.
	100 mM DTT	No known significant effects or critical hazards.

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SECTION 11: Toxicological information

Reproductive toxicity	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
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11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

100 mM DTT Adverse symptoms may include the following: May cause sensitisation by skin contact.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
100 mM DTT (R*,R*) -1,4-Dimercaptobutane-2,3-diol	Acute LC50 27000 µg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours

12.2 Persistence and degradability

Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
RNase-Free Water water	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
RNase-Free Water water	-1.38	-	Low

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
RNase-Free Water water	Not applicable (Inorganic)	N/A	N/A	N/A	Not applicable (Inorganic)	N/A	N/A

12.6 Endocrine disrupting properties

Not available.

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SECTION 12: Ecological information

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : 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.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : 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

	ADR/RID	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.

Additional information

14.6 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.

14.7 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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

No listed substance

Label	: RNase-Free Water AccuScript High Fidelity RT 10X AccuScript RT Buffer RNase Block 100 mM dNTP Mix (25 mM each dNTP) Oligo(dT) Primer Random Primers 100 mM DTT	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
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Other EU regulations

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Persistent Organic Pollutants

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

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

Australia	: Not determined.
Canada	: Not determined.
China	: All components are listed or exempted.
Eurasian Economic Union	: Russian Federation inventory: Not determined.
Japan	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	: All components are listed or exempted.

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SECTION 15: Regulatory information

- Philippines** : Not determined.
- Republic of Korea** : Not determined.
- Taiwan** : All components are listed or exempted.
- Thailand** : Not determined.
- Turkey** : Not determined.
- United States** : All components are active or exempted.
- Viet Nam** : Not determined.

15.2 Chemical safety assessment : This product contains substances for which Chemical Safety Assessments might still be required.

SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

- Abbreviations and acronyms** :
- ATE = Acute Toxicity Estimate
 - CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
 - DMEL = Derived Minimal Effect Level
 - DNEL = Derived No Effect Level
 - EUH statement = CLP-specific Hazard statement
 - N/A = Not available
 - PBT = Persistent, Bioaccumulative and Toxic
 - PNEC = Predicted No Effect Concentration
 - RRN = REACH Registration Number
 - vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

Full text of abbreviated H statements

<p>100 mM DTT H302 H315 H319 H335 H412</p>	<p>Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.</p>
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Full text of classifications [CLP/GHS]

<p>100 mM DTT Acute Tox. 4 Aquatic Chronic 3 Eye Irrit. 2 Skin Irrit. 2 STOT SE 3</p>	<p>ACUTE TOXICITY - Category 4 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3</p>
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Date of issue/ Date of revision : 31/05/2024

Date of previous issue : No previous validation

Version : 1

Notice to reader

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