

# SAFETY DATA SHEET



SureVector E. coli C-terminal Expansion Kit, 15 rxn, Part Number G7515B

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

### 1.1 Product identifier

<b>Product name</b>	: SureVector E. coli C-terminal Expansion Kit, 15 rxn, Part Number G7515B
<b>Part No. (Kit)</b>	: G7515B
<b>Part No.</b>	: SureVector T7 E. coli Promoter 5190-8104
	SureVector Tac E. coli Promoter 5190-8606
	SureVector Rhamnose E. coli Promoter 5190-8607
	SureVector HA Expression Tag (C-Term) 5190-8614
	SureVector c-Myc Expression Tag (C-term) 5190-8615
	SureVector HIS6 Expression Tag (C-term) 5190-8616
	SureVector CBP Expression Tag (C-Term) 5190-8617
	SureVector SBP Expression Tag (C-term) 5190-8618
	SureVector Thioredoxin Expression Tag (C-Term) 5190-8619
	SureVector LacZ E. coli Control (C-term) 5190-8620

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

Identified uses	
Analytical reagent.	
SureVector T7 E. coli Promoter	0.03 ml (15 reactions)
SureVector Tac E. coli Promoter	0.03 ml (15 reactions)
SureVector Rhamnose E. coli Promoter	0.03 ml (15 reactions)
SureVector HA Expression Tag (C-Term)	0.03 ml (15 reactions)
SureVector c-Myc Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector HIS6 Expression Tag (C-Term)	0.03 ml (15 reactions)
SureVector CBP Expression Tag (C-Term)	0.03 ml (15 reactions)
SureVector SBP Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector Thioredoxin Expression Tag (C-Term)	0.03 ml (15 reactions)
SureVector LacZ E. coli Control (C-term)	0.03 ml (15 reactions)

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

Agilent Technologies Manufacturing GmbH & Co. KG  
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

**Date of issue/Date of revision** : 25/04/2017

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

<b>Product definition</b>	: SureVector T7 <i>E. coli</i> Promoter	Mixture
	SureVector Tac <i>E. coli</i> Promoter	Mixture
	SureVector Rhamnose <i>E. coli</i> Promoter	Mixture
	SureVector HA Expression Tag (C-Term)	Mixture
	SureVector c-Myc Expression Tag (C-term)	Mixture
	SureVector HIS6 Expression Tag (C-Term)	Mixture
	SureVector CBP Expression Tag (C-Term)	Mixture
	SureVector SBP Expression Tag (C-term)	Mixture
	SureVector Thioredoxin Expression Tag (C-Term)	Mixture
	SureVector LacZ <i>E. coli</i> Control (C-term)	Mixture

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

Not classified.

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**

<b>Signal word</b>	: SureVector T7 <i>E. coli</i> Promoter	No signal word.
	SureVector Tac <i>E. coli</i> Promoter	No signal word.
	SureVector Rhamnose <i>E. coli</i> Promoter	No signal word.
	SureVector HA Expression Tag (C-Term)	No signal word.
	SureVector c-Myc Expression Tag (C-term)	No signal word.
	SureVector HIS6 Expression Tag (C-Term)	No signal word.
	SureVector CBP Expression Tag (C-Term)	No signal word.
	SureVector SBP Expression Tag (C-term)	No signal word.
	SureVector Thioredoxin Expression Tag (C-Term)	No signal word.
	SureVector LacZ <i>E. coli</i> Control (C-term)	No signal word.
<b>Hazard statements</b>	: SureVector T7 <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector Tac <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector Rhamnose <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6	No known significant effects or critical hazards.

## SECTION 2: Hazards identification

Expression Tag (C-Term) SureVector CBP	No known significant effects or critical hazards.
Expression Tag (C-Term) SureVector SBP	No known significant effects or critical hazards.
Expression Tag (C-term) SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.

### Precautionary statements

#### **Prevention**

: SureVector T7 E. coli Promoter	Not applicable.
SureVector Tac E. coli Promoter	Not applicable.
SureVector Rhamnose E. coli Promoter	Not applicable.
SureVector HA Expression Tag (C-Term)	Not applicable.
SureVector c-Myc Expression Tag (C-term)	Not applicable.
SureVector HIS6 Expression Tag (C-Term)	Not applicable.
SureVector CBP Expression Tag (C-Term)	Not applicable.
SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.

#### **Response**

: SureVector LacZ E. coli Control (C-term)	Not applicable.
: SureVector T7 E. coli Promoter	Not applicable.
SureVector Tac E. coli Promoter	Not applicable.
SureVector Rhamnose E. coli Promoter	Not applicable.
SureVector HA Expression Tag (C-Term)	Not applicable.
SureVector c-Myc Expression Tag (C-term)	Not applicable.
SureVector HIS6 Expression Tag (C-Term)	Not applicable.
SureVector CBP Expression Tag (C-Term)	Not applicable.
SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.

#### **Storage**

: SureVector LacZ E. coli Control (C-term)	Not applicable.
: SureVector T7 E. coli Promoter	Not applicable.
SureVector Tac E. coli Promoter	Not applicable.
SureVector Rhamnose E. coli Promoter	Not applicable.
SureVector HA Expression Tag (C-Term)	Not applicable.
SureVector c-Myc Expression Tag (C-term)	Not applicable.

**SECTION 2: Hazards identification**

	SureVector HIS6 Expression Tag (C-Term)	Not applicable.
	SureVector CBP Expression Tag (C-Term)	Not applicable.
	SureVector SBP Expression Tag (C-term)	Not applicable.
	SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.
<b>Disposal</b>	SureVector LacZ E. coli Control (C-term)	Not applicable.
	: SureVector T7 E. coli Promoter	Not applicable.
	SureVector Tac E. coli Promoter	Not applicable.
	SureVector Rhamnose E. coli Promoter	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.
	SureVector c-Myc Expression Tag (C-term)	Not applicable.
	SureVector HIS6 Expression Tag (C-Term)	Not applicable.
	SureVector CBP Expression Tag (C-Term)	Not applicable.
	SureVector SBP Expression Tag (C-term)	Not applicable.
	SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.
	SureVector LacZ E. coli Control (C-term)	Not applicable.
<b>Supplemental label elements</b>	: SureVector T7 E. coli Promoter	Not applicable.
	SureVector Tac E. coli Promoter	Not applicable.
	SureVector Rhamnose E. coli Promoter	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.
	SureVector c-Myc Expression Tag (C-term)	Not applicable.
	SureVector HIS6 Expression Tag (C-Term)	Not applicable.
	SureVector CBP Expression Tag (C-Term)	Not applicable.
	SureVector SBP Expression Tag (C-term)	Not applicable.
	SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.
	SureVector LacZ E. coli Control (C-term)	Not applicable.
<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	: SureVector T7 E. coli Promoter	Not applicable.
	SureVector Tac E. coli Promoter	Not applicable.
	SureVector Rhamnose E. coli Promoter	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.
	SureVector c-Myc Expression Tag (C-term)	Not applicable.

## SECTION 2: Hazards identification

SureVector HIS6 Expression Tag (C-Term)	Not applicable.
SureVector CBP Expression Tag (C-Term)	Not applicable.
SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.
SureVector LacZ E. coli Control (C-term)	Not applicable.

### Special packaging requirements

#### **Tactile warning of danger**

: SureVector T7 E. coli Promoter	Not applicable.
SureVector Tac E. coli Promoter	Not applicable.
SureVector Rhamnose E. coli Promoter	Not applicable.
SureVector HA Expression Tag (C-Term)	Not applicable.
SureVector c-Myc Expression Tag (C-term)	Not applicable.
SureVector HIS6 Expression Tag (C-Term)	Not applicable.
SureVector CBP Expression Tag (C-Term)	Not applicable.
SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.
SureVector LacZ E. coli Control (C-term)	Not applicable.

### 2.3 Other hazards

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

: SureVector T7 E. coli Promoter	None known.
SureVector Tac E. coli Promoter	None known.
SureVector Rhamnose E. coli Promoter	None known.
SureVector HA Expression Tag (C-Term)	None known.
SureVector c-Myc Expression Tag (C-term)	None known.
SureVector HIS6 Expression Tag (C-Term)	None known.
SureVector CBP Expression Tag (C-Term)	None known.
SureVector SBP Expression Tag (C-term)	None known.
SureVector Thioredoxin Expression Tag (C-Term)	None known.
SureVector LacZ E. coli Control (C-term)	None known.

**SECTION 3: Composition/information on ingredients**

<b>3.1 Substances</b>	:	SureVector T7 E. coli Promoter	Mixture
		SureVector Tac E. coli Promoter	Mixture
		SureVector Rhamnose E. coli Promoter	Mixture
		SureVector HA Expression Tag (C-Term)	Mixture
		SureVector c-Myc Expression Tag (C-term)	Mixture
		SureVector HIS6 Expression Tag (C-Term)	Mixture
		SureVector CBP Expression Tag (C-Term)	Mixture
		SureVector SBP Expression Tag (C-term)	Mixture
		SureVector Thioredoxin Expression Tag (C-Term)	Mixture
		SureVector LacZ E. coli Control (C-term)	Mixture

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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

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

**SECTION 4: First aid measures****4.1 Description of first aid measures**

<b>Eye contact</b>	:	SureVector T7 E. coli Promoter	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.
		SureVector Tac E. coli Promoter	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.
		SureVector Rhamnose E. coli Promoter	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.
		SureVector HA Expression Tag (C-Term)	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.
		SureVector c-Myc Expression Tag (C-term)	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.
		SureVector HIS6 Expression Tag (C-Term)	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.
		SureVector CBP Expression Tag (C-Term)	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.
		SureVector SBP Expression Tag (C-term)	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.
		SureVector Thioredoxin Expression Tag (C-Term)	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.
		SureVector LacZ E. coli Control (C-term)	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.

**SECTION 4: First aid measures**

<b>Inhalation</b>	:	SureVector T7 <i>E. coli</i> Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		SureVector Tac <i>E. coli</i> Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		SureVector Rhamnose <i>E. coli</i> Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		SureVector HA Expression Tag (C-Term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		SureVector c-Myc Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		SureVector HIS6 Expression Tag (C-Term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		SureVector CBP Expression Tag (C-Term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		SureVector SBP Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		SureVector Thioredoxin Expression Tag (C-Term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		SureVector LacZ <i>E. coli</i> Control (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
<b>Skin contact</b>	:	SureVector T7 <i>E. coli</i> Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector Tac <i>E. coli</i> Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector Rhamnose <i>E. coli</i> Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector HA Expression Tag (C-Term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector c-Myc Expression Tag (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector HIS6 Expression Tag (C-Term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector CBP Expression Tag (C-Term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector SBP Expression Tag (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector Thioredoxin Expression Tag (C-Term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector LacZ <i>E. coli</i> Control (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**SECTION 4: First aid measures**

<b>Ingestion</b>	: SureVector T7 <i>E. coli</i> Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector Tac <i>E. coli</i> Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector Rhamnose <i>E. coli</i> Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector HA Expression Tag (C-Term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector c-Myc Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector HIS6 Expression Tag (C-Term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector CBP Expression Tag (C-Term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector SBP Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector Thioredoxin Expression Tag (C-Term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector LacZ <i>E. coli</i> Control (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.



## SECTION 4: First aid measures

<b>Protection of first-aiders</b>	: SureVector T7 E. coli Promoter SureVector Tac E. coli Promoter SureVector Rhamnose E. coli Promoter SureVector HA Expression Tag (C-Term) SureVector c-Myc Expression Tag (C-term) SureVector HIS6 Expression Tag (C-Term) SureVector CBP Expression Tag (C-Term) SureVector SBP Expression Tag (C-term) SureVector Thioredoxin Expression Tag (C-Term)	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training.
	SureVector LacZ E. coli Control (C-term)	No action shall be taken involving any personal risk or without suitable training.

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

#### Potential acute health effects

<b>Eye contact</b>	: SureVector T7 E. coli Promoter SureVector Tac E. coli Promoter SureVector Rhamnose E. coli Promoter SureVector HA Expression Tag (C-Term) SureVector c-Myc Expression Tag (C-term) SureVector HIS6 Expression Tag (C-Term) SureVector CBP Expression Tag (C-Term) SureVector SBP Expression Tag (C-term) SureVector Thioredoxin Expression Tag (C-Term)	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. No known significant effects or critical hazards. No known significant effects or critical hazards.
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<b>Inhalation</b>	: SureVector LacZ E. coli Control (C-term) SureVector T7 E. coli Promoter SureVector Tac E. coli Promoter SureVector Rhamnose E. coli Promoter SureVector HA Expression Tag (C-Term) SureVector c-Myc Expression Tag (C-term) SureVector HIS6 Expression Tag (C-Term) SureVector CBP Expression Tag (C-Term) SureVector SBP Expression Tag (C-term) SureVector Thioredoxin Expression Tag (C-Term)	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. No known significant effects or critical hazards. No known significant effects or critical hazards.
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**SECTION 4: First aid measures**

	SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.
<b>Skin contact</b>	: SureVector T7 E. coli Promoter	No known significant effects or critical hazards.
	SureVector Tac E. coli Promoter	No known significant effects or critical hazards.
	SureVector Rhamnose E. coli Promoter	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.
<b>Ingestion</b>	: SureVector T7 E. coli Promoter	No known significant effects or critical hazards.
	SureVector Tac E. coli Promoter	No known significant effects or critical hazards.
	SureVector Rhamnose E. coli Promoter	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

<b>Eye contact</b>	: SureVector T7 E. coli Promoter	No specific data.
	SureVector Tac E. coli Promoter	No specific data.
	SureVector Rhamnose E. coli Promoter	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-Term)	No specific data.
	SureVector CBP Expression Tag (C-Term)	No specific data.
	SureVector SBP Expression Tag (C-term)	No specific data.
	SureVector Thioredoxin	No specific data.

**SECTION 4: First aid measures**

## Expression Tag (C-Term)

		SureVector LacZ E. coli Control (C-term)	No specific data.
<b>Inhalation</b>	:	SureVector T7 E. coli Promoter	No specific data.
		SureVector Tac E. coli Promoter	No specific data.
		SureVector Rhamnose E. coli Promoter	No specific data.
		SureVector HA Expression Tag (C-Term)	No specific data.
		SureVector c-Myc Expression Tag (C-term)	No specific data.
		SureVector HIS6 Expression Tag (C-Term)	No specific data.
		SureVector CBP Expression Tag (C-Term)	No specific data.
		SureVector SBP Expression Tag (C-term)	No specific data.
		SureVector Thioredoxin Expression Tag (C-Term)	No specific data.
		SureVector LacZ E. coli Control (C-term)	No specific data.
<b>Skin contact</b>	:	SureVector T7 E. coli Promoter	No specific data.
		SureVector Tac E. coli Promoter	No specific data.
		SureVector Rhamnose E. coli Promoter	No specific data.
		SureVector HA Expression Tag (C-Term)	No specific data.
		SureVector c-Myc Expression Tag (C-term)	No specific data.
		SureVector HIS6 Expression Tag (C-Term)	No specific data.
		SureVector CBP Expression Tag (C-Term)	No specific data.
		SureVector SBP Expression Tag (C-term)	No specific data.
		SureVector Thioredoxin Expression Tag (C-Term)	No specific data.
		SureVector LacZ E. coli Control (C-term)	No specific data.
<b>Ingestion</b>	:	SureVector T7 E. coli Promoter	No specific data.
		SureVector Tac E. coli Promoter	No specific data.
		SureVector Rhamnose E. coli Promoter	No specific data.
		SureVector HA Expression Tag (C-Term)	No specific data.
		SureVector c-Myc Expression Tag (C-term)	No specific data.
		SureVector HIS6 Expression Tag (C-Term)	No specific data.
		SureVector CBP Expression Tag (C-Term)	No specific data.
		SureVector SBP Expression Tag (C-term)	No specific data.
		SureVector Thioredoxin	No specific data.

**SECTION 4: First aid measures**

Expression Tag (C-Term)

SureVector LacZ *E. coli* Control (C-term) No specific data.**4.3 Indication of any immediate medical attention and special treatment needed**

**Notes to physician** :

SureVector T7 <i>E. coli</i> Promoter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector Tac <i>E. coli</i> Promoter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector Rhamnose <i>E. coli</i> Promoter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector HA Expression Tag (C-Term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector c-Myc Expression Tag (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector HIS6 Expression Tag (C-Term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector CBP Expression Tag (C-Term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector SBP Expression Tag (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector Thioredoxin Expression Tag (C-Term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** :

SureVector LacZ <i>E. coli</i> Control (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector T7 <i>E. coli</i> Promoter	No specific treatment.
SureVector Tac <i>E. coli</i> Promoter	No specific treatment.
SureVector Rhamnose <i>E. coli</i> Promoter	No specific treatment.
SureVector HA Expression Tag (C-Term)	No specific treatment.
SureVector c-Myc Expression Tag (C-term)	No specific treatment.
SureVector HIS6 Expression Tag (C-Term)	No specific treatment.
SureVector CBP Expression Tag (C-Term)	No specific treatment.
SureVector SBP Expression Tag (C-term)	No specific treatment.
SureVector Thioredoxin Expression Tag (C-Term)	No specific treatment.
SureVector LacZ <i>E. coli</i> Control (C-term)	No specific treatment.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

**Suitable extinguishing media** :

SureVector T7 <i>E. coli</i> Promoter	Use an extinguishing agent suitable for the surrounding fire.
SureVector Tac <i>E. coli</i> Promoter	Use an extinguishing agent suitable for the surrounding fire.
SureVector Rhamnose <i>E. coli</i> Promoter	Use an extinguishing agent suitable for the surrounding fire.
SureVector HA Expression Tag (C-Term)	Use an extinguishing agent suitable for the surrounding fire.
SureVector c-Myc Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.
SureVector HIS6	Use an extinguishing agent suitable for the surrounding fire.

## SECTION 5: Firefighting measures

Expression Tag (C-Term)  
 SureVector CBP Use an extinguishing agent suitable for the surrounding fire.  
 Expression Tag (C-Term)  
 SureVector SBP Use an extinguishing agent suitable for the surrounding fire.  
 Expression Tag (C-term)  
 SureVector Thioredoxin Use an extinguishing agent suitable for the surrounding fire.  
 Expression Tag (C-Term)

SureVector LacZ E. coli Control (C-term) Use an extinguishing agent suitable for the surrounding fire.

### Unsuitable extinguishing media

SureVector T7 E. coli Promoter None known.  
 SureVector Tac E. coli Promoter None known.  
 SureVector Rhamnose E. coli Promoter None known.  
 SureVector HA Expression Tag (C-Term) None known.  
 SureVector c-Myc Expression Tag (C-term) None known.  
 SureVector HIS6 Expression Tag (C-Term) None known.  
 SureVector CBP Expression Tag (C-Term) None known.  
 SureVector SBP Expression Tag (C-term) None known.  
 SureVector Thioredoxin Expression Tag (C-Term) None known.  
 SureVector LacZ E. coli Control (C-term) None known.

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

#### Hazards from the substance or mixture

SureVector T7 E. coli Promoter In a fire or if heated, a pressure increase will occur and the container may burst.  
 SureVector Tac E. coli Promoter In a fire or if heated, a pressure increase will occur and the container may burst.  
 SureVector Rhamnose E. coli Promoter In a fire or if heated, a pressure increase will occur and the container may burst.  
 SureVector HA Expression Tag (C-Term) In a fire or if heated, a pressure increase will occur and the container may burst.  
 SureVector c-Myc Expression Tag (C-term) In a fire or if heated, a pressure increase will occur and the container may burst.  
 SureVector HIS6 Expression Tag (C-Term) In a fire or if heated, a pressure increase will occur and the container may burst.  
 SureVector CBP Expression Tag (C-Term) In a fire or if heated, a pressure increase will occur and the container may burst.  
 SureVector SBP Expression Tag (C-term) In a fire or if heated, a pressure increase will occur and the container may burst.  
 SureVector Thioredoxin Expression Tag (C-Term) In a fire or if heated, a pressure increase will occur and the container may burst.

SureVector LacZ E. coli Control (C-term) In a fire or if heated, a pressure increase will occur and the container may burst.

#### Hazardous combustion products

SureVector T7 E. coli Promoter No specific data.  
 SureVector Tac E. coli Promoter No specific data.  
 SureVector Rhamnose E. coli Promoter No specific data.  
 SureVector HA Expression Tag (C-Term) No specific data.  
 SureVector c-Myc No specific data.

## SECTION 5: Firefighting measures

Expression Tag (C-term) SureVector HIS6	No specific data.
Expression Tag (C-Term) SureVector CBP	No specific data.
Expression Tag (C-Term) SureVector SBP	No specific data.
Expression Tag (C-term) SureVector Thioredoxin	No specific data.
Expression Tag (C-Term)  SureVector LacZ E. coli Control (C-term)	No specific data.

### 5.3 Advice for firefighters

#### Special precautions for fire-fighters

: SureVector T7 E. coli Promoter	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.
SureVector Tac E. coli Promoter	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.
SureVector Rhamnose E. coli Promoter	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.
SureVector HA Expression Tag (C-Term)	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.
SureVector c-Myc Expression Tag (C-term)	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.
SureVector HIS6 Expression Tag (C-Term)	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.
SureVector CBP Expression Tag (C-Term)	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.
SureVector SBP Expression Tag (C-term)	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.
SureVector Thioredoxin Expression Tag (C-Term)	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.
SureVector LacZ E. coli Control (C-term)	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

: SureVector T7 E. coli Promoter	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.
SureVector Tac E. coli Promoter	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.
SureVector Rhamnose E. coli Promoter	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.
SureVector HA	Fire-fighters should wear appropriate protective equipment

## SECTION 5: Firefighting measures

Expression Tag (C-Term)	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.
SureVector c-Myc Expression Tag (C-term)	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.
SureVector HIS6 Expression Tag (C-Term)	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.
SureVector CBP Expression Tag (C-Term)	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.
SureVector SBP Expression Tag (C-term)	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.
SureVector Thioredoxin Expression Tag (C-Term)	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.
SureVector LacZ <i>E. coli</i> Control (C-term)	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

<b>For non-emergency personnel</b>	: SureVector T7 <i>E. coli</i> Promoter	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.
	SureVector Tac <i>E. coli</i> Promoter	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.
	SureVector Rhamnose <i>E. coli</i> Promoter	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.
	SureVector HA Expression Tag (C-Term)	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

**SECTION 6: Accidental release measures**

SureVector c-Myc Expression Tag (C-term)	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 spilt material. Put on appropriate personal protective equipment.
SureVector HIS6 Expression Tag (C-Term)	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.
SureVector CBP Expression Tag (C-Term)	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.
SureVector SBP Expression Tag (C-term)	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.
SureVector Thioredoxin Expression Tag (C-Term)	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.
SureVector LacZ <i>E. coli</i> Control (C-term)	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.
: SureVector T7 <i>E. coli</i> Promoter	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".
SureVector Tac <i>E. coli</i> Promoter	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".
SureVector Rhamnose <i>E. coli</i> Promoter	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".
SureVector HA Expression Tag (C-Term)	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".
SureVector c-Myc Expression Tag (C-term)	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".
SureVector HIS6 Expression Tag (C-Term)	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".
SureVector CBP Expression Tag (C-Term)	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".
SureVector SBP Expression Tag (C-term)	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".
SureVector Thioredoxin	If specialised clothing is required to deal with the spillage,

**For emergency responders**



**SECTION 6: Accidental release measures**

Expression Tag (C-Term) take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

SureVector LacZ E. coli Control (C-term) 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**

: SureVector T7 E. coli Promoter 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).

SureVector Tac E. coli Promoter 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).

SureVector Rhamnose E. coli Promoter 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).

SureVector HA Expression Tag (C-Term) 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).

SureVector c-Myc Expression Tag (C-term) 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).

SureVector HIS6 Expression Tag (C-Term) 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).

SureVector CBP Expression Tag (C-Term) 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).

SureVector SBP Expression Tag (C-term) 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).

SureVector Thioredoxin Expression Tag (C-Term) 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).

SureVector LacZ E. coli Control (C-term) 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** : SureVector T7 E. coli Promoter 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.

SureVector Tac E. coli Promoter 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.

SureVector Rhamnose E. coli Promoter 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

## SECTION 6: Accidental release measures

	place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector HA Expression Tag (C-Term)	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.
SureVector c-Myc Expression Tag (C-term)	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.
SureVector HIS6 Expression Tag (C-Term)	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.
SureVector CBP Expression Tag (C-Term)	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.
SureVector SBP Expression Tag (C-term)	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.
SureVector Thioredoxin Expression Tag (C-Term)	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.
SureVector LacZ <i>E. coli</i> Control (C-term)	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

<b>Protective measures</b>	: SureVector T7 <i>E. coli</i> Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector Tac <i>E. coli</i> Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector Rhamnose <i>E. coli</i> Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector HA Expression Tag (C-Term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector c-Myc Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HIS6 Expression Tag (C-Term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector CBP Expression Tag (C-Term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector SBP Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector Thioredoxin Expression Tag (C-Term)	Put on appropriate personal protective equipment (see Section 8).

## SECTION 7: Handling and storage

### Advice on general occupational hygiene

SureVector LacZ E. coli Control (C-term)	Put on appropriate personal protective equipment (see Section 8).
: SureVector T7 E. coli Promoter	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.
SureVector Tac E. coli Promoter	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.
SureVector Rhamnose E. coli Promoter	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.
SureVector HA Expression Tag (C-Term)	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.
SureVector c-Myc Expression Tag (C-term)	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.
SureVector HIS6 Expression Tag (C-Term)	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.
SureVector CBP Expression Tag (C-Term)	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.
SureVector SBP Expression Tag (C-term)	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.
SureVector Thioredoxin Expression Tag (C-Term)	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.
SureVector LacZ E. coli Control (C-term)	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

**SECTION 7: Handling and storage**

<b>Storage</b>	: SureVector T7 <i>E. coli</i> Promoter	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.
	SureVector Tac <i>E. coli</i> Promoter	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.
	SureVector Rhamnose <i>E. coli</i> Promoter	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.
	SureVector HA Expression Tag (C-Term)	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.
	SureVector c-Myc Expression Tag (C-term)	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.
	SureVector HIS6 Expression Tag (C-Term)	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.
	SureVector CBP Expression Tag (C-Term)	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.
	SureVector SBP	Store in accordance with local regulations. Store in original

## SECTION 7: Handling and storage

Expression Tag (C-term)	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.
SureVector Thioredoxin Expression Tag (C-Term)	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.
SureVector LacZ E. coli Control (C-term)	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.

### 7.3 Specific end use(s)

#### Recommendations

: SureVector T7 E. coli Promoter	Industrial applications, Professional applications.
SureVector Tac E. coli Promoter	Industrial applications, Professional applications.
SureVector Rhamnose E. coli Promoter	Industrial applications, Professional applications.
SureVector HA Expression Tag (C-Term)	Industrial applications, Professional applications.
SureVector c-Myc Expression Tag (C-term)	Industrial applications, Professional applications.
SureVector HIS6 Expression Tag (C-Term)	Industrial applications, Professional applications.
SureVector CBP Expression Tag (C-Term)	Industrial applications, Professional applications.
SureVector SBP Expression Tag (C-term)	Industrial applications, Professional applications.
SureVector Thioredoxin Expression Tag (C-Term)	Industrial applications, Professional applications.

SureVector LacZ E. coli Control (C-term) Industrial applications, Professional applications.

#### Industrial sector specific solutions

: SureVector T7 E. coli Promoter	Not applicable.
SureVector Tac E. coli Promoter	Not applicable.
SureVector Rhamnose E. coli Promoter	Not applicable.
SureVector HA Expression Tag (C-Term)	Not applicable.
SureVector c-Myc Expression Tag (C-term)	Not applicable.
SureVector HIS6 Expression Tag (C-Term)	Not applicable.
SureVector CBP Expression Tag (C-Term)	Not applicable.

## SECTION 7: Handling and storage

SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.
SureVector LacZ <i>E. coli</i> Control (C-term)	Not applicable.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

No exposure limit value known.

#### Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. 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.

#### 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.

## SECTION 8: Exposure controls/personal protection

- 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

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	:	SureVector T7 E. coli Promoter	Liquid.
		SureVector Tac E. coli Promoter	Liquid.
		SureVector Rhamnose E. coli Promoter	Liquid.
		SureVector HA Expression Tag (C-Term)	Liquid.
		SureVector c-Myc Expression Tag (C-term)	Liquid.
		SureVector HIS6 Expression Tag (C-Term)	Liquid.
		SureVector CBP Expression Tag (C-Term)	Liquid.
		SureVector SBP Expression Tag (C-term)	Liquid.
		SureVector Thioredoxin Expression Tag (C-Term)	Liquid.
		SureVector LacZ E. coli Control (C-term)	Liquid.
<b>Colour</b>	:	SureVector T7 E. coli Promoter	Not available.
		SureVector Tac E. coli Promoter	Not available.
		SureVector Rhamnose E. coli Promoter	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-Term)	Not available.
		SureVector CBP Expression Tag (C-Term)	Not available.
		SureVector SBP Expression Tag (C-term)	Not available.
		SureVector Thioredoxin Expression Tag (C-Term)	Not available.
		SureVector LacZ E. coli	Not available.

**SECTION 9: Physical and chemical properties**

	Control (C-term)	
<b>Odour</b>	: SureVector T7 E. coli Promoter	Not available.
	SureVector Tac E. coli Promoter	Not available.
	SureVector Rhamnose E. coli Promoter	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector CBP Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Thioredoxin Expression Tag (C-Term)	Not available.
	SureVector LacZ E. coli Control (C-term)	Not available.
<b>Odour threshold</b>	: SureVector T7 E. coli Promoter	Not available.
	SureVector Tac E. coli Promoter	Not available.
	SureVector Rhamnose E. coli Promoter	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector CBP Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Thioredoxin Expression Tag (C-Term)	Not available.
	SureVector LacZ E. coli Control (C-term)	Not available.
<b>pH</b>	: SureVector T7 E. coli Promoter	8
	SureVector Tac E. coli Promoter	8
	SureVector Rhamnose E. coli Promoter	8
	SureVector HA Expression Tag (C-Term)	8
	SureVector c-Myc Expression Tag (C-	8



**SECTION 9: Physical and chemical properties**

	term)	
	SureVector HIS6 Expression Tag (C- Term)	8
	SureVector CBP Expression Tag (C- Term)	8
	SureVector SBP Expression Tag (C- term)	8
	SureVector Thioredoxin Expression Tag (C- Term)	8
	SureVector LacZ E. coli Control (C-term)	8
<b>Melting point/freezing point</b>	: SureVector T7 E. coli Promoter	0°C
	SureVector Tac E. coli Promoter	0°C
	SureVector Rhamnose E. coli Promoter	0°C
	SureVector HA Expression Tag (C- Term)	0°C
	SureVector c-Myc Expression Tag (C- term)	0°C
	SureVector HIS6 Expression Tag (C- Term)	0°C
	SureVector CBP Expression Tag (C- Term)	0°C
	SureVector SBP Expression Tag (C- term)	0°C
	SureVector Thioredoxin Expression Tag (C- Term)	0°C
	SureVector LacZ E. coli Control (C-term)	0°C
<b>Initial boiling point and boiling range</b>	: SureVector T7 E. coli Promoter	100°C
	SureVector Tac E. coli Promoter	100°C
	SureVector Rhamnose E. coli Promoter	100°C
	SureVector HA Expression Tag (C- Term)	100°C
	SureVector c-Myc Expression Tag (C- term)	100°C
	SureVector HIS6 Expression Tag (C- Term)	100°C
	SureVector CBP Expression Tag (C- Term)	100°C
	SureVector SBP Expression Tag (C- term)	100°C
	SureVector Thioredoxin Expression Tag (C-	100°C

**SECTION 9: Physical and chemical properties**

	Term)	
	SureVector LacZ <i>E. coli</i> Control (C-term)	100°C
<b>Flash point</b>	: SureVector T7 <i>E. coli</i> Promoter	Not available.
	SureVector Tac <i>E. coli</i> Promoter	Not available.
	SureVector Rhamnose <i>E. coli</i> Promoter	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector CBP Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Thioredoxin Expression Tag (C-Term)	Not available.
	SureVector LacZ <i>E. coli</i> Control (C-term)	Not available.
<b>Evaporation rate</b>	: SureVector T7 <i>E. coli</i> Promoter	Not available.
	SureVector Tac <i>E. coli</i> Promoter	Not available.
	SureVector Rhamnose <i>E. coli</i> Promoter	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector CBP Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Thioredoxin Expression Tag (C-Term)	Not available.
	SureVector LacZ <i>E. coli</i> Control (C-term)	Not available.
<b>Flammability (solid, gas)</b>	: SureVector T7 <i>E. coli</i> Promoter	Not applicable.
	SureVector Tac <i>E. coli</i> Promoter	Not applicable.
	SureVector Rhamnose <i>E. coli</i> Promoter	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.

**SECTION 9: Physical and chemical properties**

SureVector c-Myc Expression Tag (C-term)	Not applicable.
SureVector HIS6 Expression Tag (C-Term)	Not applicable.
SureVector CBP Expression Tag (C-Term)	Not applicable.
SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.
SureVector LacZ E. coli Control (C-term)	Not applicable.

**Upper/lower flammability or explosive limits**

: SureVector T7 E. coli Promoter	Not available.
SureVector Tac E. coli Promoter	Not available.
SureVector Rhamnose E. coli Promoter	Not available.
SureVector HA Expression Tag (C-Term)	Not available.
SureVector c-Myc Expression Tag (C-term)	Not available.
SureVector HIS6 Expression Tag (C-Term)	Not available.
SureVector CBP Expression Tag (C-Term)	Not available.
SureVector SBP Expression Tag (C-term)	Not available.
SureVector Thioredoxin Expression Tag (C-Term)	Not available.
SureVector LacZ E. coli Control (C-term)	Not available.

**Vapour pressure**

: SureVector T7 E. coli Promoter	Not available.
SureVector Tac E. coli Promoter	Not available.
SureVector Rhamnose E. coli Promoter	Not available.
SureVector HA Expression Tag (C-Term)	Not available.
SureVector c-Myc Expression Tag (C-term)	Not available.
SureVector HIS6 Expression Tag (C-Term)	Not available.
SureVector CBP Expression Tag (C-Term)	Not available.
SureVector SBP	Not available.

**SECTION 9: Physical and chemical properties**

	Expression Tag (C-term)	
	SureVector Thioredoxin Expression Tag (C-Term)	Not available.
	SureVector LacZ <i>E. coli</i> Control (C-term)	Not available.
<b>Vapour density</b>	: SureVector T7 <i>E. coli</i> Promoter	Not available.
	SureVector Tac <i>E. coli</i> Promoter	Not available.
	SureVector Rhamnose <i>E. coli</i> Promoter	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector CBP Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Thioredoxin Expression Tag (C-Term)	Not available.
	SureVector LacZ <i>E. coli</i> Control (C-term)	Not available.
<b>Relative density</b>	: SureVector T7 <i>E. coli</i> Promoter	Not available.
	SureVector Tac <i>E. coli</i> Promoter	Not available.
	SureVector Rhamnose <i>E. coli</i> Promoter	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector CBP Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Thioredoxin Expression Tag (C-Term)	Not available.
	SureVector LacZ <i>E. coli</i> Control (C-term)	Not available.

**SECTION 9: Physical and chemical properties**

<b>Solubility(ies)</b>	:	SureVector T7 E. coli Promoter	Easily soluble in the following materials: cold water and hot water.
		SureVector Tac E. coli Promoter	Easily soluble in the following materials: cold water and hot water.
		SureVector Rhamnose E. coli Promoter	Easily soluble in the following materials: cold water and hot water.
		SureVector HA Expression Tag (C-Term)	Easily soluble in the following materials: cold water and hot water.
		SureVector c-Myc Expression Tag (C-term)	Easily soluble in the following materials: cold water and hot water.
		SureVector HIS6 Expression Tag (C-Term)	Easily soluble in the following materials: cold water and hot water.
		SureVector CBP Expression Tag (C-Term)	Easily soluble in the following materials: cold water and hot water.
		SureVector SBP Expression Tag (C-term)	Easily soluble in the following materials: cold water and hot water.
		SureVector Thioredoxin Expression Tag (C-Term)	Easily soluble in the following materials: cold water and hot water.
		SureVector LacZ E. coli Control (C-term)	Easily soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/water</b>	:	SureVector T7 E. coli Promoter	Not available.
		SureVector Tac E. coli Promoter	Not available.
		SureVector Rhamnose E. coli Promoter	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-Term)	Not available.
		SureVector CBP Expression Tag (C-Term)	Not available.
		SureVector SBP Expression Tag (C-term)	Not available.
		SureVector Thioredoxin Expression Tag (C-Term)	Not available.
		SureVector LacZ E. coli Control (C-term)	Not available.
<b>Auto-ignition temperature</b>	:	SureVector T7 E. coli Promoter	Not available.
		SureVector Tac E. coli Promoter	Not available.
		SureVector Rhamnose E. coli Promoter	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.

**SECTION 9: Physical and chemical properties**

SureVector HIS6 Expression Tag (C-Term) Not available.  
 SureVector CBP Expression Tag (C-Term) Not available.  
 SureVector SBP Expression Tag (C-term) Not available.  
 SureVector Thioredoxin Expression Tag (C-Term) Not available.  
 SureVector LacZ *E. coli* Control (C-term) Not available.

**Decomposition temperature** : SureVector T7 *E. coli* Promoter Not available.  
 SureVector Tac *E. coli* Promoter Not available.  
 SureVector Rhamnose *E. coli* Promoter Not available.  
 SureVector HA Expression Tag (C-Term) Not available.  
 SureVector c-Myc Expression Tag (C-term) Not available.  
 SureVector HIS6 Expression Tag (C-Term) Not available.  
 SureVector CBP Expression Tag (C-Term) Not available.  
 SureVector SBP Expression Tag (C-term) Not available.  
 SureVector Thioredoxin Expression Tag (C-Term) Not available.  
 SureVector LacZ *E. coli* Control (C-term) Not available.

**Viscosity** : SureVector T7 *E. coli* Promoter Not available.  
 SureVector Tac *E. coli* Promoter Not available.  
 SureVector Rhamnose *E. coli* Promoter Not available.  
 SureVector HA Expression Tag (C-Term) Not available.  
 SureVector c-Myc Expression Tag (C-term) Not available.  
 SureVector HIS6 Expression Tag (C-Term) Not available.  
 SureVector CBP Expression Tag (C-Term) Not available.  
 SureVector SBP Expression Tag (C-term) Not available.  
 SureVector Thioredoxin Expression Tag (C-Term) Not available.

**SECTION 9: Physical and chemical properties**

	SureVector LacZ E. coli Control (C-term)	Not available.
<b>Explosive properties</b>	: SureVector T7 E. coli Promoter	Not available.
	SureVector Tac E. coli Promoter	Not available.
	SureVector Rhamnose E. coli Promoter	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector CBP Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Thioredoxin Expression Tag (C-Term)	Not available.
	SureVector LacZ E. coli Control (C-term)	Not available.
<b>Oxidising properties</b>	: SureVector T7 E. coli Promoter	Not available.
	SureVector Tac E. coli Promoter	Not available.
	SureVector Rhamnose E. coli Promoter	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector CBP Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Thioredoxin Expression Tag (C-Term)	Not available.
	SureVector LacZ E. coli Control (C-term)	Not available.

**9.2 Other information**

No additional information.

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity</b>	:	SureVector T7 E. coli Promoter	No specific test data related to reactivity available for this product or its ingredients.
		SureVector Tac E. coli Promoter	No specific test data related to reactivity available for this product or its ingredients.
		SureVector Rhamnose E. coli Promoter	No specific test data related to reactivity available for this product or its ingredients.
		SureVector HA Expression Tag (C-Term)	No specific test data related to reactivity available for this product or its ingredients.
		SureVector c-Myc Expression Tag (C-term)	No specific test data related to reactivity available for this product or its ingredients.
		SureVector HIS6 Expression Tag (C-Term)	No specific test data related to reactivity available for this product or its ingredients.
		SureVector CBP Expression Tag (C-Term)	No specific test data related to reactivity available for this product or its ingredients.
		SureVector SBP Expression Tag (C-term)	No specific test data related to reactivity available for this product or its ingredients.
		SureVector Thioredoxin Expression Tag (C-Term)	No specific test data related to reactivity available for this product or its ingredients.
		SureVector LacZ E. coli Control (C-term)	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical stability</b>	:	SureVector T7 E. coli Promoter	The product is stable.
		SureVector Tac E. coli Promoter	The product is stable.
		SureVector Rhamnose E. coli Promoter	The product is stable.
		SureVector HA Expression Tag (C-Term)	The product is stable.
		SureVector c-Myc Expression Tag (C-term)	The product is stable.
		SureVector HIS6 Expression Tag (C-Term)	The product is stable.
		SureVector CBP Expression Tag (C-Term)	The product is stable.
		SureVector SBP Expression Tag (C-term)	The product is stable.
		SureVector Thioredoxin Expression Tag (C-Term)	The product is stable.
		SureVector LacZ E. coli Control (C-term)	The product is stable.
<b>10.3 Possibility of hazardous reactions</b>	:	SureVector T7 E. coli Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
		SureVector Tac E. coli Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
		SureVector Rhamnose E. coli Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
		SureVector HA Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous reactions will not occur.
		SureVector c-Myc Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
		SureVector HIS6 Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous reactions will not occur.
		SureVector CBP Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous reactions will not occur.
		SureVector SBP Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
		SureVector Thioredoxin Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous reactions will not occur.



**SECTION 10: Stability and reactivity**

SureVector LacZ E. coli Control (C-term) Under normal conditions of storage and use, hazardous reactions will not occur.

- 10.4 Conditions to avoid** :
- SureVector T7 E. coli Promoter No specific data.
  - SureVector Tac E. coli Promoter No specific data.
  - SureVector Rhamnose E. coli Promoter No specific data.
  - SureVector HA Expression Tag (C-Term) No specific data.
  - SureVector c-Myc Expression Tag (C-term) No specific data.
  - SureVector HIS6 Expression Tag (C-Term) No specific data.
  - SureVector CBP Expression Tag (C-Term) No specific data.
  - SureVector SBP Expression Tag (C-term) No specific data.
  - SureVector Thioredoxin Expression Tag (C-Term) No specific data.
  - SureVector LacZ E. coli Control (C-term) No specific data.

- 10.5 Incompatible materials** :
- SureVector T7 E. coli Promoter May react or be incompatible with oxidising materials.
  - SureVector Tac E. coli Promoter May react or be incompatible with oxidising materials.
  - SureVector Rhamnose E. coli Promoter May react or be incompatible with oxidising materials.
  - SureVector HA Expression Tag (C-Term) May react or be incompatible with oxidising materials.
  - SureVector c-Myc Expression Tag (C-term) May react or be incompatible with oxidising materials.
  - SureVector HIS6 Expression Tag (C-Term) May react or be incompatible with oxidising materials.
  - SureVector CBP Expression Tag (C-Term) May react or be incompatible with oxidising materials.
  - SureVector SBP Expression Tag (C-term) May react or be incompatible with oxidising materials.
  - SureVector Thioredoxin Expression Tag (C-Term) May react or be incompatible with oxidising materials.
  - SureVector LacZ E. coli Control (C-term) May react or be incompatible with oxidising materials.

- 10.6 Hazardous decomposition products** :
- SureVector T7 E. coli Promoter Under normal conditions of storage and use, hazardous decomposition products should not be produced.
  - SureVector Tac E. coli Promoter Under normal conditions of storage and use, hazardous decomposition products should not be produced.
  - SureVector Rhamnose E. coli Promoter Under normal conditions of storage and use, hazardous decomposition products should not be produced.
  - SureVector HA Expression Tag (C-Term) Under normal conditions of storage and use, hazardous decomposition products should not be produced.
  - SureVector c-Myc Expression Tag (C-term) Under normal conditions of storage and use, hazardous decomposition products should not be produced.
  - SureVector HIS6 Expression Tag (C-Term) Under normal conditions of storage and use, hazardous decomposition products should not be produced.
  - SureVector CBP Expression Tag (C-Term) Under normal conditions of storage and use, hazardous decomposition products should not be produced.
  - SureVector SBP Expression Tag (C-term) Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 10: Stability and reactivity

SureVector Thioredoxin Expression Tag (C-Term) Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureVector LacZ E. coli Control (C-term) 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

Not available.

#### Irritation/Corrosion

**Conclusion/Summary** : Not available.

#### Sensitiser

**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 likely routes of exposure**

SureVector T7 E. coli Promoter	Not available.
SureVector Tac E. coli Promoter	Not available.
SureVector Rhamnose E. coli Promoter	Not available.
SureVector HA Expression Tag (C-Term)	Not available.
SureVector c-Myc Expression Tag (C-term)	Not available.
SureVector HIS6 Expression Tag (C-Term)	Not available.
SureVector CBP Expression Tag (C-Term)	Not available.
SureVector SBP Expression Tag (C-term)	Not available.
SureVector Thioredoxin Expression Tag (C-Term)	Not available.
SureVector LacZ E. coli Control (C-term)	Not available.

#### Potential acute health effects

##### **Inhalation**

SureVector T7 E. coli Promoter	No known significant effects or critical hazards.
SureVector Tac E. coli Promoter	No known significant effects or critical hazards.
SureVector Rhamnose E. coli Promoter	No known significant effects or critical hazards.
SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.

**SECTION 11: Toxicological information**

	SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector LacZ <i>E. coli</i> Control (C-term)	No known significant effects or critical hazards.
<b>Ingestion</b>	: SureVector T7 <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector Tac <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector Rhamnose <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector LacZ <i>E. coli</i> Control (C-term)	No known significant effects or critical hazards.
<b>Skin contact</b>	: SureVector T7 <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector Tac <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector Rhamnose <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector LacZ <i>E. coli</i> Control (C-term)	No known significant effects or critical hazards.
<b>Eye contact</b>	: SureVector T7 <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector Tac <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector Rhamnose <i>E. coli</i> Promoter	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.

**SECTION 11: Toxicological information**

SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector LacZ <i>E. coli</i> Control (C-term)	No known significant effects or critical hazards.

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

<b>Inhalation</b>	:	SureVector T7 <i>E. coli</i> Promoter	No specific data.	
		SureVector Tac <i>E. coli</i> Promoter	No specific data.	
		SureVector Rhamnose <i>E. coli</i> Promoter	No specific data.	
		SureVector HA Expression Tag (C-Term)	No specific data.	
		SureVector c-Myc Expression Tag (C-term)	No specific data.	
		SureVector HIS6 Expression Tag (C-Term)	No specific data.	
		SureVector CBP Expression Tag (C-Term)	No specific data.	
		SureVector SBP Expression Tag (C-term)	No specific data.	
		SureVector Thioredoxin Expression Tag (C-Term)	No specific data.	
		SureVector LacZ <i>E. coli</i> Control (C-term)	No specific data.	
	<b>Ingestion</b>	:	SureVector T7 <i>E. coli</i> Promoter	No specific data.
			SureVector Tac <i>E. coli</i> Promoter	No specific data.
			SureVector Rhamnose <i>E. coli</i> Promoter	No specific data.
			SureVector HA Expression Tag (C-Term)	No specific data.
			SureVector c-Myc Expression Tag (C-term)	No specific data.
		SureVector HIS6 Expression Tag (C-Term)	No specific data.	
		SureVector CBP Expression Tag (C-Term)	No specific data.	
		SureVector SBP Expression Tag (C-term)	No specific data.	
		SureVector Thioredoxin Expression Tag (C-Term)	No specific data.	
		SureVector LacZ <i>E. coli</i> Control (C-term)	No specific data.	
<b>Skin contact</b>		:	SureVector T7 <i>E. coli</i> Promoter	No specific data.
			SureVector Tac <i>E. coli</i> Promoter	No specific data.
			SureVector Rhamnose <i>E. coli</i> Promoter	No specific data.
			SureVector HA Expression Tag (C-Term)	No specific data.
			SureVector c-Myc Expression Tag (C-term)	No specific data.
		SureVector HIS6	No specific data.	

## SECTION 11: Toxicological information

	Expression Tag (C-Term)	
	SureVector CBP	No specific data.
	Expression Tag (C-Term)	
	SureVector SBP	No specific data.
	Expression Tag (C-term)	
	SureVector Thioredoxin	No specific data.
	Expression Tag (C-Term)	
	SureVector LacZ E. coli	No specific data.
	Control (C-term)	
<b>Eye contact</b>	: SureVector T7 E. coli	No specific data.
	Promoter	
	SureVector Tac E. coli	No specific data.
	Promoter	
	SureVector Rhamnose E. coli	No specific data.
	Promoter	
	SureVector HA	No specific data.
	Expression Tag (C-Term)	
	SureVector c-Myc	No specific data.
	Expression Tag (C-term)	
	SureVector HIS6	No specific data.
	Expression Tag (C-Term)	
	SureVector CBP	No specific data.
	Expression Tag (C-Term)	
	SureVector SBP	No specific data.
	Expression Tag (C-term)	
	SureVector Thioredoxin	No specific data.
	Expression Tag (C-Term)	
	SureVector LacZ E. coli	No specific data.
	Control (C-term)	

### 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

<b>General</b>	: SureVector T7 E. coli	No known significant effects or critical hazards.
	Promoter	
	SureVector Tac E. coli	No known significant effects or critical hazards.
	Promoter	
	SureVector Rhamnose E. coli	No known significant effects or critical hazards.
	Promoter	
	SureVector HA	No known significant effects or critical hazards.
	Expression Tag (C-Term)	
	SureVector c-Myc	No known significant effects or critical hazards.
	Expression Tag (C-term)	
	SureVector HIS6	No known significant effects or critical hazards.
	Expression Tag (C-Term)	
	SureVector CBP	No known significant effects or critical hazards.
	Expression Tag (C-Term)	
	SureVector SBP	No known significant effects or critical hazards.
	Expression Tag (C-term)	
	SureVector Thioredoxin	No known significant effects or critical hazards.
	Expression Tag (C-Term)	

**SECTION 11: Toxicological information**

	SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: SureVector T7 E. coli Promoter	No known significant effects or critical hazards.
	SureVector Tac E. coli Promoter	No known significant effects or critical hazards.
	SureVector Rhamnose E. coli Promoter	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.
<b>Mutagenicity</b>	: SureVector T7 E. coli Promoter	No known significant effects or critical hazards.
	SureVector Tac E. coli Promoter	No known significant effects or critical hazards.
	SureVector Rhamnose E. coli Promoter	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.
<b>Teratogenicity</b>	: SureVector T7 E. coli Promoter	No known significant effects or critical hazards.
	SureVector Tac E. coli Promoter	No known significant effects or critical hazards.
	SureVector Rhamnose E. coli Promoter	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.

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	SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.	
<b>Developmental effects</b>	: SureVector T7 E. coli Promoter	No known significant effects or critical hazards.	
	SureVector Tac E. coli Promoter	No known significant effects or critical hazards.	
	SureVector Rhamnose E. coli Promoter	No known significant effects or critical hazards.	
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.	
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.	
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.	
	SureVector CBP Expression Tag (C-Term)	No known significant effects or critical hazards.	
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.	
	SureVector Thioredoxin Expression Tag (C-Term)	No known significant effects or critical hazards.	
		SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.
	<b>Fertility effects</b>	: SureVector T7 E. coli Promoter	No known significant effects or critical hazards.
		SureVector Tac E. coli Promoter	No known significant effects or critical hazards.
		SureVector Rhamnose E. coli Promoter	No known significant effects or critical hazards.
		SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector c-Myc Expression Tag (C-term)		No known significant effects or critical hazards.	
SureVector HIS6 Expression Tag (C-Term)		No known significant effects or critical hazards.	
SureVector CBP Expression Tag (C-Term)		No known significant effects or critical hazards.	
SureVector SBP Expression Tag (C-term)		No known significant effects or critical hazards.	
SureVector Thioredoxin Expression Tag (C-Term)		No known significant effects or critical hazards.	
		SureVector LacZ E. coli Control (C-term)	No known significant effects or critical hazards.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

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

## SECTION 12: Ecological information

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

**PBT** : Not applicable.

**vPvB** : Not applicable.

**12.6 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

### Regulatory information

**ADR/RID / IMDG / IATA** : Not regulated.

**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 Annex II of Marpol and the IBC Code** : Not available.

## SECTION 15: Regulatory information

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

#### 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.

<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	<b>SureVector T7 E. coli Promoter</b>	Not applicable.
	<b>SureVector Tac E. coli Promoter</b>	Not applicable.
	<b>SureVector Rhamnose E. coli Promoter</b>	Not applicable.
	<b>SureVector HA Expression Tag (C-Term)</b>	Not applicable.

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## SECTION 15: Regulatory information

SureVector c-Myc Expression Tag (C-term)	Not applicable.
SureVector HIS6 Expression Tag (C-Term)	Not applicable.
SureVector CBP Expression Tag (C-Term)	Not applicable.
SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Thioredoxin Expression Tag (C-Term)	Not applicable.
SureVector LacZ E. coli Control (C-term)	Not applicable.

### Other EU regulations

**Europe inventory** : All components are listed or exempted.

#### Ozone depleting substances (1005/2009/EU)

Not listed.

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

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 (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

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

Not listed.

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

Not listed.

### International lists

#### National inventory

<b>Australia</b>	: Not determined.
<b>Canada</b>	: Not determined.
<b>China</b>	: All components are listed or exempted.
<b>Japan</b>	: <b>Japan inventory (ENCS)</b> : Not determined. <b>Japan inventory (ISHL)</b> : All components are listed or exempted.
<b>Malaysia</b>	: Not determined.
<b>New Zealand</b>	: Not determined.
<b>Philippines</b>	: Not determined.
<b>Republic of Korea</b>	: Not determined.
<b>Taiwan</b>	: All components are listed or exempted.
<b>Turkey</b>	: Not determined.
<b>United States</b>	: All components are listed or exempted.

**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]  
 DNEL = Derived No Effect Level  
 EUH statement = CLP-specific Hazard statement  
 PNEC = Predicted No Effect Concentration  
 RRN = REACH Registration Number

### 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

Not applicable.

### Full text of classifications [CLP/GHS]

Not applicable.

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**Date of previous issue** : No previous validation.

**Version** : 1

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