

# SAFETY DATA SHEET



## SureVector Mammalian C-terminal Expansion Kit, 15 rxn, Part Number G7516B

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

#### 1.1 Product identifier

<b>Product name</b>	: SureVector Mammalian C-terminal Expansion Kit, 15 rxn, Part Number G7516B
<b>Part No. (Kit)</b>	: G7516B
<b>Part No.</b>	: SureVector CMV Mamm Promoter 5190-9314
	SureVector EF1 $\alpha$ Mamm Promoter 5190-9315
	SureVector SV40 Mamm Promoter 5190-9316
	SureVector FLAG <sup>®</sup> Expression Tag (C-term) 5190-9324
	SureVector GFP Expression Tag (C-term) 5190-9325
	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 SBP Expression Tag (C-term) 5190-8618
	SureVector Blasticidin Mamm Selectable Marker 5190-9321
	SureVector Hygromycin Mamm Selectable Marker 5190-9322
	SureVector Puromycin Mamm Selectable Marker 5190-9323
	SureVector LacZ Mamm Control (C-term) 5190-9326

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

Identified uses	
Analytical reagent.	
SureVector CMV Mamm Promoter	0.03 ml (15 reactions)
SureVector EF1 $\alpha$ Mamm Promoter	0.03 ml (15 reactions)
SureVector SV40 Mamm Promoter	0.03 ml (15 reactions)
SureVector FLAG <sup>®</sup> Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector Blasticidin Mamm Selectable Marker	0.03 ml (15 reactions)
SureVector Hygromycin Mamm Selectable Marker	0.03 ml (15 reactions)
SureVector Puromycin Mamm Selectable Marker	0.03 ml (15 reactions)
SureVector LacZ Mamm Control (C-term)	0.03 ml (15 reactions)

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

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

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

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

<b>Product definition</b>	:	SureVector CMV Mamm Promoter	Mixture
		SureVector EF1α Mamm Promoter	Mixture
		SureVector SV40 Mamm Promoter	Mixture
		SureVector FLAG® Expression Tag (C-term)	Mixture
		SureVector GFP Expression Tag (C-term)	Mixture
		SureVector HA Expression Tag (C-Term)	Mixture
		SureVector c-Myc Expression Tag (C-term)	Mixture
		SureVector HIS6 Expression Tag (C-term)	Mixture
		SureVector SBP Expression Tag (C-term)	Mixture
		SureVector Blasticidin Mamm Selectable Marker	Mixture
		SureVector Hygromycin Mamm Selectable Marker	Mixture
		SureVector Puromycin Mamm Selectable Marker	Mixture
		SureVector LacZ Mamm 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

**SECTION 2: Hazards identification**

<b>Signal word</b>	:	SureVector CMV Mamm Promoter	No signal word.
		SureVector EF1 $\alpha$ Mamm Promoter	No signal word.
		SureVector SV40 Mamm Promoter	No signal word.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No signal word.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No signal word.
		SureVector Blasticidin Mamm Selectable Marker	No signal word.
		SureVector Hygromycin Mamm Selectable Marker	No signal word.
		SureVector Puromycin Mamm Selectable Marker	No signal word.
		SureVector LacZ Mamm Control (C-term)	No signal word.
<b>Hazard statements</b>	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 $\alpha$ Mamm Promoter	No known significant effects or critical hazards.
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.

**Precautionary statements**

**SECTION 2: Hazards identification**

<b>Prevention</b>	:	SureVector CMV Mamm Promoter	Not applicable.
		SureVector EF1 $\alpha$ Mamm Promoter	Not applicable.
		SureVector SV40 Mamm Promoter	Not applicable.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	Not applicable.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not applicable.
		SureVector Blasticidin Mamm Selectable Marker	Not applicable.
		SureVector Hygromycin Mamm Selectable Marker	Not applicable.
		SureVector Puromycin Mamm Selectable Marker	Not applicable.
		SureVector LacZ Mamm Control (C-term)	Not applicable.
<b>Response</b>	:	SureVector CMV Mamm Promoter	Not applicable.
		SureVector EF1 $\alpha$ Mamm Promoter	Not applicable.
		SureVector SV40 Mamm Promoter	Not applicable.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	Not applicable.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not applicable.
		SureVector Blasticidin Mamm Selectable Marker	Not applicable.
		SureVector Hygromycin Mamm Selectable Marker	Not applicable.
		SureVector Puromycin Mamm Selectable Marker	Not applicable.
		SureVector LacZ Mamm Control (C-term)	Not applicable.



**SECTION 2: Hazards identification**

**Supplemental label elements** : SureVector CMV Mamm Promoter Not applicable.  
 SureVector EF1α Mamm Promoter Not applicable.  
 SureVector SV40 Mamm Promoter Not applicable.  
 SureVector FLAG® Expression Tag (C-term) Not applicable.  
 SureVector GFP Expression Tag (C-term) 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 SBP Expression Tag (C-term) Not applicable.  
 SureVector Blasticidin Mamm Selectable Marker Not applicable.  
 SureVector Hygromycin Mamm Selectable Marker Not applicable.  
 SureVector Puromycin Mamm Selectable Marker Not applicable.  
 SureVector LacZ Mamm Control (C-term) Not applicable.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : SureVector CMV Mamm Promoter Not applicable.  
 SureVector EF1α Mamm Promoter Not applicable.  
 SureVector SV40 Mamm Promoter Not applicable.  
 SureVector FLAG® Expression Tag (C-term) Not applicable.  
 SureVector GFP Expression Tag (C-term) 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 SBP Expression Tag (C-term) Not applicable.  
 SureVector Blasticidin Mamm Selectable Marker Not applicable.  
 SureVector Hygromycin Mamm Selectable Marker Not applicable.  
 SureVector Puromycin Mamm Selectable Marker Not applicable.  
 SureVector LacZ Mamm Control (C-term) Not applicable.

[Special packaging requirements](#)

**SECTION 2: Hazards identification**

<b>Tactile warning of danger</b>	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1 $\alpha$ Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG <sup>®</sup> Expression Tag (C-term)	Not applicable.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not applicable.
	SureVector Blasticidin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (C-term)	Not applicable.

**2.3 Other hazards**

<b>Other hazards which do not result in classification</b>	: SureVector CMV Mamm Promoter	None known.
	SureVector EF1 $\alpha$ Mamm Promoter	None known.
	SureVector SV40 Mamm Promoter	None known.
	SureVector FLAG <sup>®</sup> Expression Tag (C-term)	None known.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	None known.
	SureVector Blasticidin Mamm Selectable Marker	None known.
	SureVector Hygromycin Mamm Selectable Marker	None known.
	SureVector Puromycin Mamm Selectable Marker	None known.
	SureVector LacZ Mamm Control (C-term)	None known.

## SECTION 3: Composition/information on ingredients

<b>3.1 Substances</b>	:	SureVector CMV Mamm Promoter	Mixture
		SureVector EF1 $\alpha$ Mamm Promoter	Mixture
		SureVector SV40 Mamm Promoter	Mixture
		SureVector FLAG® Expression Tag (C-term)	Mixture
		SureVector GFP Expression Tag (C-term)	Mixture
		SureVector HA Expression Tag (C-Term)	Mixture
		SureVector c-Myc Expression Tag (C-term)	Mixture
		SureVector HIS6 Expression Tag (C-term)	Mixture
		SureVector SBP Expression Tag (C-term)	Mixture
		SureVector Blasticidin Mamm Selectable Marker	Mixture
		SureVector Hygromycin Mamm Selectable Marker	Mixture
		SureVector Puromycin Mamm Selectable Marker	Mixture
		SureVector LacZ Mamm 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 CMV Mamm 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 EF1 $\alpha$ Mamm 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 SV40 Mamm 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 FLAG® 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 GFP 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 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.



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	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 Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 Mamm 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.
<b>Inhalation</b>	: SureVector CMV Mamm Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector EF1α Mamm Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector SV40 Mamm Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector FLAG® 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 GFP 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 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 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 Blasticidin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector Hygromycin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector Puromycin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector LacZ Mamm 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 CMV Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector EF1α Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector SV40 Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector FLAG®	Flush contaminated skin with plenty of water. Remove

**SECTION 4: First aid measures**

Expression Tag (C-term)	contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector Blasticidin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector Hygromycin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector Puromycin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector LacZ Mamm Control (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b> : SureVector CMV Mamm 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 EF1α Mamm 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 SV40 Mamm 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 FLAG® 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 GFP 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 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

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SureVector c-Myc Expression Tag (C-term)	personnel. Get medical attention if symptoms occur. 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 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 Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 Mamm 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.

<b>Protection of first-aiders</b>	: SureVector CMV Mamm Promoter	No action shall be taken involving any personal risk or without suitable training.
	SureVector EF1α Mamm Promoter	No action shall be taken involving any personal risk or without suitable training.
	SureVector SV40 Mamm Promoter	No action shall be taken involving any personal risk or without suitable training.
	SureVector FLAG® Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector GFP Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector HA Expression Tag (C-Term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector c-Myc Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector HIS6 Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector SBP Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector Blasticidin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.

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SureVector Hygromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
SureVector Puromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
SureVector LacZ Mamm 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 CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 $\alpha$ Mamm Promoter	No known significant effects or critical hazards.
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
<b>Inhalation</b>	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 $\alpha$ Mamm Promoter	No known significant effects or critical hazards.
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector Hygromycin Mamm Selectable	No known significant effects or critical hazards.

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	Marker	
	SureVector Puromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
<b>Skin contact</b>	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 $\alpha$ Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG $\text{\textcircled{R}}$ Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Hygromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Puromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
<b>Ingestion</b>	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 $\alpha$ Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG $\text{\textcircled{R}}$ Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Hygromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Puromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.

**SECTION 4: First aid measures**Over-exposure signs/symptoms

<b>Eye contact</b>	:	SureVector CMV Mamm Promoter	No specific data.	
		SureVector EF1 $\alpha$ Mamm Promoter	No specific data.	
		SureVector SV40 Mamm Promoter	No specific data.	
		SureVector FLAG® Expression Tag (C-term)	No specific data.	
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No specific data.	
		SureVector Blasticidin Mamm Selectable Marker	No specific data.	
		SureVector Hygromycin Mamm Selectable Marker	No specific data.	
		SureVector Puromycin Mamm Selectable Marker	No specific data.	
		SureVector LacZ Mamm Control (C-term)	No specific data.	
	<b>Inhalation</b>	:	SureVector CMV Mamm Promoter	No specific data.
			SureVector EF1 $\alpha$ Mamm Promoter	No specific data.
			SureVector SV40 Mamm Promoter	No specific data.
			SureVector FLAG® Expression Tag (C-term)	No specific data.
			SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No specific data.
			SureVector Blasticidin Mamm Selectable Marker	No specific data.
		SureVector Hygromycin Mamm Selectable Marker	No specific data.	
		SureVector Puromycin Mamm Selectable Marker	No specific data.	
		SureVector LacZ Mamm Control (C-term)	No specific data.	

## SECTION 4: First aid measures

<b>Skin contact</b>	:	SureVector CMV Mamm Promoter	No specific data.
		SureVector EF1 $\alpha$ Mamm Promoter	No specific data.
		SureVector SV40 Mamm Promoter	No specific data.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No specific data.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No specific data.
		SureVector Blasticidin Mamm Selectable Marker	No specific data.
		SureVector Hygromycin Mamm Selectable Marker	No specific data.
		SureVector Puromycin Mamm Selectable Marker	No specific data.
		SureVector LacZ Mamm Control (C-term)	No specific data.
<b>Ingestion</b>	:	SureVector CMV Mamm Promoter	No specific data.
		SureVector EF1 $\alpha$ Mamm Promoter	No specific data.
		SureVector SV40 Mamm Promoter	No specific data.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No specific data.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No specific data.
		SureVector Blasticidin Mamm Selectable Marker	No specific data.
		SureVector Hygromycin Mamm Selectable Marker	No specific data.
		SureVector Puromycin Mamm Selectable Marker	No specific data.
		SureVector LacZ Mamm Control (C-term)	No specific data.

### 4.3 Indication of any immediate medical attention and special treatment needed





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

<b>Suitable extinguishing media</b>	: SureVector CMV Mamm Promoter	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector EF1 $\alpha$ Mamm Promoter	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector SV40 Mamm Promoter	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector FLAG <sup>®</sup> Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector GFP Expression Tag (C-term)	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 Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector SBP Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector Blasticidin Mamm Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector Hygromycin Mamm Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector Puromycin Mamm Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector LacZ Mamm Control (C-term)	Use an extinguishing agent suitable for the surrounding fire.	
	<b>Unsuitable extinguishing media</b>	: SureVector CMV Mamm Promoter	None known.
		SureVector EF1 $\alpha$ Mamm Promoter	None known.
		SureVector SV40 Mamm Promoter	None known.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	None known.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)		None known.	
SureVector Blasticidin Mamm Selectable Marker		None known.	
SureVector Hygromycin Mamm Selectable Marker		None known.	
SureVector Puromycin Mamm Selectable Marker		None known.	
SureVector LacZ Mamm Control (C-term)		None known.	

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



## SECTION 5: Firefighting measures

<b>Special precautions for fire-fighters</b>	: SureVector CMV Mamm 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 EF1 $\alpha$ Mamm 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 SV40 Mamm 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 FLAG <sup>®</sup> 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 GFP 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 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 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 Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 Mamm 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.
	<b>Special protective equipment for fire-fighters</b>	: SureVector CMV Mamm Promoter
SureVector EF1 $\alpha$ Mamm 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 SV40 Mamm 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 FLAG <sup>®</sup> 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 GFP		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 HA 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 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 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 Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 Mamm 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 CMV Mamm 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 EF1α Mamm Promoter	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.

**SECTION 6: Accidental release measures**

	Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureVector SV40 Mamm 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 FLAG® 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 GFP 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 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 appropriate personal protective equipment.
SureVector c-Myc 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 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 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 Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 Mamm 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 CMV Mamm 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 EF1α Mamm 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-

**For emergency responders**

## SECTION 6: Accidental release measures

SureVector SV40 Mamm Promoter	emergency personnel". 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 FLAG® 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 GFP 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 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 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 Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 LacZ Mamm 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 CMV Mamm 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 EF1α Mamm 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 SV40 Mamm 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 FLAG® 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 GFP Expression Tag (C-term)	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant

## SECTION 6: Accidental release measures

	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 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 Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 Mamm 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

<b>Methods for cleaning up</b>	:	SureVector CMV Mamm 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 EF1 $\alpha$ Mamm 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 SV40 Mamm 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 FLAG <sup>®</sup> 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 GFP 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 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

## SECTION 6: Accidental release measures

SureVector c-Myc Expression Tag (C-term)	place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
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 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 Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 Mamm 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 CMV Mamm Promoter Put on appropriate personal protective equipment (see Section 8). SureVector EF1 $\alpha$ Mamm Promoter Put on appropriate personal protective equipment (see Section 8). SureVector SV40 Mamm Promoter Put on appropriate personal protective equipment (see Section 8). SureVector FLAG <sup>®</sup> Expression Tag (C-term) Put on appropriate personal protective equipment (see Section 8). SureVector GFP Expression Tag (C-term) 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 SBP Expression Tag (C-term) Put on appropriate personal protective equipment (see Section 8). SureVector Blasticidin Put on appropriate personal protective equipment (see
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## SECTION 7: Handling and storage

### Advice on general occupational hygiene

Mamm Selectable Marker	Section 8).
SureVector Hygromycin Mamm Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
SureVector Puromycin Mamm Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
SureVector LacZ Mamm Control (C-term)	Put on appropriate personal protective equipment (see Section 8).
SureVector CMV Mamm 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 EF1 $\alpha$ Mamm 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 SV40 Mamm 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 FLAG <sup>®</sup> 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 GFP 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 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 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.

## SECTION 7: Handling and storage

SureVector Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 Mamm 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

#### Storage

: SureVector CMV Mamm 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 EF1 $\alpha$ Mamm 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 SV40 Mamm 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 FLAG <sup>®</sup> 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 GFP Expression Tag (C-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and

**SECTION 7: Handling and storage**

	well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
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 SBP 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 Blasticidin Mamm Selectable Marker	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 Hygromycin Mamm Selectable Marker	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 Puromycin Mamm Selectable Marker	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 7: Handling and storage**

SureVector LacZ Mamm Control (C-term) 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.

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 CMV Mamm Promoter Industrial applications, Professional applications.
- SureVector EF1α Mamm Promoter Industrial applications, Professional applications.
- SureVector SV40 Mamm Promoter Industrial applications, Professional applications.
- SureVector FLAG® Expression Tag (C-term) Industrial applications, Professional applications.
- SureVector GFP Expression Tag (C-term) 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 SBP Expression Tag (C-term) Industrial applications, Professional applications.
- SureVector Blasticidin Mamm Selectable Marker Industrial applications, Professional applications.
- SureVector Hygromycin Mamm Selectable Marker Industrial applications, Professional applications.
- SureVector Puromycin Mamm Selectable Marker Industrial applications, Professional applications.
- SureVector LacZ Mamm Control (C-term) Industrial applications, Professional applications.

**Industrial sector specific solutions**

- : SureVector CMV Mamm Promoter Not applicable.
- SureVector EF1α Mamm Promoter Not applicable.
- SureVector SV40 Mamm Promoter Not applicable.
- SureVector FLAG® Expression Tag (C-term) Not applicable.
- SureVector GFP Expression Tag (C-term) 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 SBP Not applicable.

## SECTION 7: Handling and storage

Expression Tag (C-term)	
SureVector Blasticidin	Not applicable.
Mamm Selectable	
Marker	
SureVector Hygromycin	Not applicable.
Mamm Selectable	
Marker	
SureVector Puromycin	Not applicable.
Mamm Selectable	
Marker	
SureVector LacZ Mamm	Not applicable.
Control (C-term)	

## 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.

## SECTION 8: Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	: SureVector CMV Mamm Promoter	Liquid.	
	SureVector EF1 $\alpha$ Mamm Promoter	Liquid.	
	SureVector SV40 Mamm Promoter	Liquid.	
	SureVector FLAG <sup>®</sup> Expression Tag (C-term)	Liquid.	
	SureVector GFP Expression Tag (C-term)	Liquid.	
	SureVector HA Expression Tag (C-Term)	Liquid.	
	SureVector c-Myc Expression Tag (C-term)	Liquid.	
	SureVector HIS6 Expression Tag (C-term)	Liquid.	
	SureVector SBP Expression Tag (C-term)	Liquid.	
	SureVector Blastidin Mamm Selectable Marker	Liquid.	
	SureVector Hygromycin Mamm Selectable Marker	Liquid.	
	SureVector Puromycin Mamm Selectable Marker	Liquid.	
	SureVector LacZ Mamm Control (C-term)	Liquid.	
	<b>Colour</b>	: SureVector CMV Mamm Promoter	Not available.
		SureVector EF1 $\alpha$ Mamm Promoter	Not available.
SureVector SV40 Mamm Promoter		Not available.	
SureVector FLAG <sup>®</sup> Expression Tag (C-term)		Not available.	
SureVector GFP Expression Tag (C-term)		Not available.	

**SECTION 9: Physical and chemical properties**

**Odour**

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 SBP Expression Tag (C-term)	Not available.
SureVector Blasticidin Mamm Selectable Marker	Not available.
SureVector Hygromycin Mamm Selectable Marker	Not available.
SureVector Puromycin Mamm Selectable Marker	Not available.
SureVector LacZ Mamm Control (C-term)	Not available.
: SureVector CMV Mamm Promoter	Not available.
SureVector EF1 $\alpha$ Mamm Promoter	Not available.
SureVector SV40 Mamm Promoter	Not available.
SureVector FLAG <sup>®</sup> Expression Tag (C-term)	Not available.
SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not available.
SureVector Blasticidin Mamm Selectable Marker	Not available.
SureVector Hygromycin Mamm Selectable Marker	Not available.
SureVector Puromycin Mamm Selectable Marker	Not available.
SureVector LacZ Mamm Control (C-term)	Not available.

**SECTION 9: Physical and chemical properties**

<b>Odour threshold</b>	: SureVector CMV Mamm Promoter	Not available.	
	SureVector EF1 $\alpha$ Mamm Promoter	Not available.	
	SureVector SV40 Mamm Promoter	Not available.	
	SureVector FLAG® Expression Tag (C-term)	Not available.	
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not available.	
	SureVector Blasticidin Mamm Selectable Marker	Not available.	
	SureVector Hygromycin Mamm Selectable Marker	Not available.	
	SureVector Puromycin Mamm Selectable Marker	Not available.	
	SureVector LacZ Mamm Control (C-term)	Not available.	
	<b>pH</b>	: SureVector CMV Mamm Promoter	8
		SureVector EF1 $\alpha$ Mamm Promoter	8
		SureVector SV40 Mamm Promoter	8
		SureVector FLAG® Expression Tag (C-term)	8
		SureVector GFP Expression Tag (C-term)	8
		SureVector HA Expression Tag (C-Term)	8
		SureVector c-Myc Expression Tag (C-term)	8
SureVector HIS6 Expression Tag (C-term)		8	
SureVector SBP Expression Tag (C-term)		8	
SureVector Blasticidin Mamm Selectable Marker		8	
SureVector Hygromycin Mamm Selectable		8	



**SECTION 9: Physical and chemical properties**

	Marker	
	SureVector Puromycin	8
	Mamm Selectable	
	Marker	
	SureVector LacZ	8
	Mamm Control (C-term)	
<b>Melting point/freezing point</b>	: SureVector CMV	0°C
	Mamm Promoter	
	SureVector EF1α	0°C
	Mamm Promoter	
	SureVector SV40	0°C
	Mamm Promoter	
	SureVector FLAG®	0°C
	Expression Tag (C-term)	
	SureVector GFP	0°C
	Expression Tag (C-term)	
	SureVector HA	0°C
	Expression Tag (C-Term)	
	SureVector c-Myc	0°C
	Expression Tag (C-term)	
	SureVector HIS6	0°C
	Expression Tag (C-term)	
	SureVector SBP	0°C
	Expression Tag (C-term)	
	SureVector Blasticidin	0°C
	Mamm Selectable	
	Marker	
	SureVector Hygromycin	0°C
	Mamm Selectable	
	Marker	
	SureVector Puromycin	0°C
	Mamm Selectable	
	Marker	
	SureVector LacZ	0°C
	Mamm Control (C-term)	
<b>Initial boiling point and boiling range</b>	: SureVector CMV	100°C
	Mamm Promoter	
	SureVector EF1α	100°C
	Mamm Promoter	
	SureVector SV40	100°C
	Mamm Promoter	
	SureVector FLAG®	100°C
	Expression Tag (C-term)	
	SureVector GFP	100°C
	Expression Tag (C-term)	
	SureVector HA	100°C
	Expression Tag (C-Term)	
	SureVector c-Myc	100°C
	Expression Tag (C-term)	
	SureVector HIS6	100°C
	Expression Tag (C-term)	
	SureVector SBP	100°C
	Expression Tag (C-	

**SECTION 9: Physical and chemical properties**

	term)	
	SureVector Blastidicin	100°C
	Mamm Selectable	
	Marker	
	SureVector Hygromycin	100°C
	Mamm Selectable	
	Marker	
	SureVector Puromycin	100°C
	Mamm Selectable	
	Marker	
	SureVector LacZ	100°C
	Mamm Control (C-term)	
<b>Flash point</b>	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG®	Not available.
	Expression Tag (C-term)	
	SureVector GFP	Not available.
	Expression Tag (C-term)	
	SureVector HA	Not available.
	Expression Tag (C-Term)	
	SureVector c-Myc	Not available.
	Expression Tag (C-term)	
	SureVector HIS6	Not available.
	Expression Tag (C-term)	
	SureVector SBP	Not available.
	Expression Tag (C-term)	
	SureVector Blastidicin	Not available.
	Mamm Selectable	
	Marker	
	SureVector Hygromycin	Not available.
	Mamm Selectable	
	Marker	
	SureVector Puromycin	Not available.
	Mamm Selectable	
	Marker	
	SureVector LacZ	Not available.
	Mamm Control (C-term)	
<b>Evaporation rate</b>	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG®	Not available.
	Expression Tag (C-term)	
	SureVector GFP	Not available.
	Expression Tag (C-term)	
	SureVector HA	Not available.
	Expression Tag (C-Term)	
	SureVector c-Myc	Not available.
	Expression Tag (C-	

**SECTION 9: Physical and chemical properties**

	term)	
	SureVector HIS6 Expression Tag (C- term)	Not available.
	SureVector SBP Expression Tag (C- term)	Not available.
	SureVector Blastidicin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (C-term)	Not available.
<b>Flammability (solid, gas)</b>	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1 $\alpha$ Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG <sup>®</sup> Expression Tag (C- term)	Not applicable.
	SureVector GFP Expression Tag (C- term)	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 SBP Expression Tag (C- term)	Not applicable.
	SureVector Blastidicin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (C- term)	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 $\alpha$ Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG <sup>®</sup> Expression Tag (C- term)	Not available.

**SECTION 9: Physical and chemical properties**

SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not available.
SureVector Blasticidin Mamm Selectable Marker	Not available.
SureVector Hygromycin Mamm Selectable Marker	Not available.
SureVector Puromycin Mamm Selectable Marker	Not available.
SureVector LacZ Mamm Control (C-term)	Not available.
SureVector CMV Mamm Promoter	Not available.
SureVector EF1 $\alpha$ Mamm Promoter	Not available.
SureVector SV40 Mamm Promoter	Not available.
SureVector FLAG <sup>®</sup> Expression Tag (C-term)	Not available.
SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not available.
SureVector Blasticidin Mamm Selectable Marker	Not available.
SureVector Hygromycin Mamm Selectable Marker	Not available.
SureVector Puromycin Mamm Selectable Marker	Not available.
SureVector LacZ Mamm Control (C-term)	Not available.

**Vapour pressure**

:

**SECTION 9: Physical and chemical properties**

<b>Vapour density</b>	:	SureVector CMV Mamm Promoter	Not available.	
		SureVector EF1 $\alpha$ Mamm Promoter	Not available.	
		SureVector SV40 Mamm Promoter	Not available.	
		SureVector FLAG $\otimes$ Expression Tag (C-term)	Not available.	
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not available.	
		SureVector Blasticidin Mamm Selectable Marker	Not available.	
		SureVector Hygromycin Mamm Selectable Marker	Not available.	
		SureVector Puromycin Mamm Selectable Marker	Not available.	
		SureVector LacZ Mamm Control (C-term)	Not available.	
	<b>Relative density</b>	:	SureVector CMV Mamm Promoter	Not available.
			SureVector EF1 $\alpha$ Mamm Promoter	Not available.
			SureVector SV40 Mamm Promoter	Not available.
			SureVector FLAG $\otimes$ Expression Tag (C-term)	Not available.
			SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not available.	
		SureVector Blasticidin Mamm Selectable Marker	Not available.	
		SureVector Hygromycin Mamm Selectable	Not available.	

**SECTION 9: Physical and chemical properties**

	Marker	
	SureVector Puromycin	Not available.
	Mamm Selectable	
	Marker	
	SureVector LacZ	Not available.
	Mamm Control (C-term)	
<b>Solubility(ies)</b>	: SureVector CMV	Easily soluble in the following materials: cold water and hot water.
	Mamm Promoter	
	SureVector EF1α	Easily soluble in the following materials: cold water and hot water.
	Mamm Promoter	
	SureVector SV40	Easily soluble in the following materials: cold water and hot water.
	Mamm Promoter	
	SureVector FLAG®	Easily soluble in the following materials: cold water and hot water.
	Expression Tag (C-term)	
	SureVector GFP	Easily soluble in the following materials: cold water and hot water.
	Expression Tag (C-term)	
	SureVector HA	Easily soluble in the following materials: cold water and hot water.
	Expression Tag (C-Term)	
	SureVector c-Myc	Easily soluble in the following materials: cold water and hot water.
	Expression Tag (C-term)	
	SureVector HIS6	Easily soluble in the following materials: cold water and hot water.
	Expression Tag (C-term)	
	SureVector SBP	Easily soluble in the following materials: cold water and hot water.
	Expression Tag (C-term)	
	SureVector Blastidin	Easily soluble in the following materials: cold water and hot water.
	Mamm Selectable	
	Marker	
	SureVector Hygromycin	Easily soluble in the following materials: cold water and hot water.
	Mamm Selectable	
	Marker	
	SureVector Puromycin	Easily soluble in the following materials: cold water and hot water.
	Mamm Selectable	
	Marker	
	SureVector LacZ	Easily soluble in the following materials: cold water and hot water.
	Mamm Control (C-term)	
<b>Partition coefficient: n-octanol/water</b>	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG®	Not available.
	Expression Tag (C-term)	
	SureVector GFP	Not available.
	Expression Tag (C-term)	
	SureVector HA	Not available.
	Expression Tag (C-Term)	
	SureVector c-Myc	Not available.
	Expression Tag (C-term)	
	SureVector HIS6	Not available.
	Expression Tag (C-term)	
	SureVector SBP	Not available.
	Expression Tag (C-	

**SECTION 9: Physical and chemical properties**

	term)	
	SureVector Blastidicin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (C-term)	Not available.
<b>Auto-ignition temperature</b>	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 $\alpha$ Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG <sup>®</sup> Expression Tag (C- term)	Not available.
	SureVector GFP Expression Tag (C- term)	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 SBP Expression Tag (C- term)	Not available.
	SureVector Blastidicin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (C-term)	Not available.
<b>Decomposition temperature</b>	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 $\alpha$ Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG <sup>®</sup> Expression Tag (C- term)	Not available.
	SureVector GFP Expression Tag (C- term)	Not available.
	SureVector HA Expression Tag (C- Term)	Not available.
	SureVector c-Myc Expression Tag (C-	Not available.

**SECTION 9: Physical and chemical properties**

		term)	
		SureVector HIS6 Expression Tag (C-term)	Not available.
		SureVector SBP Expression Tag (C-term)	Not available.
		SureVector Blastidicin Mamm Selectable Marker	Not available.
		SureVector Hygromycin Mamm Selectable Marker	Not available.
		SureVector Puromycin Mamm Selectable Marker	Not available.
		SureVector LacZ Mamm Control (C-term)	Not available.
<b>Viscosity</b>	:	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1 $\alpha$ Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG® Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not available.
		SureVector Blastidicin Mamm Selectable Marker	Not available.
		SureVector Hygromycin Mamm Selectable Marker	Not available.
		SureVector Puromycin Mamm Selectable Marker	Not available.
		SureVector LacZ Mamm Control (C-term)	Not available.
<b>Explosive properties</b>	:	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1 $\alpha$ Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG® Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-	Not available.



**SECTION 9: Physical and chemical properties**

	term)	
	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 SBP Expression Tag (C-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (C-term)	Not available.
<b>Oxidising properties</b>	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 $\alpha$ Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG <sup>®</sup> Expression Tag (C-term)	Not available.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (C-term)	Not available.

**9.2 Other information**

No additional information.



**SECTION 10: Stability and reactivity**

<b>10.3 Possibility of hazardous reactions</b>	: SureVector CMV Mamm Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector EF1 $\alpha$ Mamm Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector SV40 Mamm Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector FLAG <sup>®</sup> Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector Blasticidin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector Hygromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector Puromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector LacZ Mamm Control (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.

<b>10.4 Conditions to avoid</b>	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 $\alpha$ Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (C-term)	No specific data.

## SECTION 10: Stability and reactivity

### 10.5 Incompatible materials

:	SureVector CMV Mamm Promoter	May react or be incompatible with oxidising materials.
	SureVector EF1α Mamm Promoter	May react or be incompatible with oxidising materials.
	SureVector SV40 Mamm Promoter	May react or be incompatible with oxidising materials.
	SureVector FLAG® Expression Tag (C-term)	May react or be incompatible with oxidising materials.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	May react or be incompatible with oxidising materials.
	SureVector Blasticidin Mamm Selectable Marker	May react or be incompatible with oxidising materials.
	SureVector Hygromycin Mamm Selectable Marker	May react or be incompatible with oxidising materials.
	SureVector Puromycin Mamm Selectable Marker	May react or be incompatible with oxidising materials.
	SureVector LacZ Mamm Control (C-term)	May react or be incompatible with oxidising materials.

### 10.6 Hazardous decomposition products

:	SureVector CMV Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector EF1α Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector SV40 Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector FLAG® Expression Tag (C-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector Blasticidin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector Hygromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector Puromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector LacZ Mamm 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 CMV Mamm Promoter	Not available.
SureVector EF1α Mamm Promoter	Not available.
SureVector SV40 Mamm Promoter	Not available.
SureVector FLAG® Expression Tag (C-term)	Not available.
SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	Not available.
SureVector Blasticidin Mamm Selectable Marker	Not available.
SureVector Hygromycin Mamm Selectable Marker	Not available.
SureVector Puromycin Mamm Selectable Marker	Not available.
SureVector LacZ Mamm Control (C-term)	Not available.

#### Potential acute health effects

**Inhalation** :

SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
SureVector EF1α Mamm Promoter	No known significant effects or critical hazards.
SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.

**SECTION 11: Toxicological information**

	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
<b>Ingestion</b>	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
<b>Skin contact</b>	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.

**SECTION 11: Toxicological information**

	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
<b>Eye contact</b>	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 $\alpha$ Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.

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

<b>Inhalation</b>	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 $\alpha$ Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable	No specific data.

**SECTION 11: Toxicological information**

	Marker	
	SureVector Puromycin	No specific data.
	Mamm Selectable	
	Marker	
	SureVector LacZ Mamm	No specific data.
	Control (C-term)	
<b>Ingestion</b>	: SureVector CMV Mamm	No specific data.
	Promoter	
	SureVector EF1 $\alpha$ Mamm	No specific data.
	Promoter	
	SureVector SV40 Mamm	No specific data.
	Promoter	
	SureVector FLAG $\text{\textcircled{R}}$	No specific data.
	Expression Tag (C-term)	
	SureVector GFP	No specific data.
	Expression Tag (C-term)	
	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 SBP	No specific data.
	Expression Tag (C-term)	
	SureVector Blasticidin	No specific data.
	Mamm Selectable	
	Marker	
	SureVector Hygromycin	No specific data.
	Mamm Selectable	
	Marker	
	SureVector Puromycin	No specific data.
	Mamm Selectable	
	Marker	
	SureVector LacZ Mamm	No specific data.
	Control (C-term)	
<b>Skin contact</b>	: SureVector CMV Mamm	No specific data.
	Promoter	
	SureVector EF1 $\alpha$ Mamm	No specific data.
	Promoter	
	SureVector SV40 Mamm	No specific data.
	Promoter	
	SureVector FLAG $\text{\textcircled{R}}$	No specific data.
	Expression Tag (C-term)	
	SureVector GFP	No specific data.
	Expression Tag (C-term)	
	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 SBP	No specific data.
	Expression Tag (C-term)	
	SureVector Blasticidin	No specific data.
	Mamm Selectable	
	Marker	
	SureVector Hygromycin	No specific data.
	Mamm Selectable	
	Marker	
	SureVector Puromycin	No specific data.
	Mamm Selectable	
	Marker	
	SureVector LacZ Mamm	No specific data.
	Control (C-term)	



## SECTION 11: Toxicological information

<b>Eye contact</b>	:	SureVector CMV Mamm Promoter	No specific data.
		SureVector EF1 $\alpha$ Mamm Promoter	No specific data.
		SureVector SV40 Mamm Promoter	No specific data.
		SureVector FLAG® Expression Tag (C-term)	No specific data.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No specific data.
		SureVector Blasticidin Mamm Selectable Marker	No specific data.
		SureVector Hygromycin Mamm Selectable Marker	No specific data.
		SureVector Puromycin Mamm Selectable Marker	No specific data.
		SureVector LacZ Mamm Control (C-term)	No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

<b>General</b>	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 $\alpha$ Mamm Promoter	No known significant effects or critical hazards.
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
		SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector Blasticidin Mamm Selectable	No known significant effects or critical hazards.

**SECTION 11: Toxicological information**

	Marker	
	SureVector Hygromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Puromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Hygromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Puromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
<b>Mutagenicity</b>	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Hygromycin Mamm Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Puromycin Mamm Selectable	No known significant effects or critical hazards.

**SECTION 11: Toxicological information**

	Marker	
	SureVector LacZ Mamm	No known significant effects or critical hazards.
	Control (C-term)	
<b>Teratogenicity</b>	: SureVector CMV Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector EF1α Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector SV40 Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector FLAG®	No known significant effects or critical hazards.
	Expression Tag (C-term)	
	SureVector GFP	No known significant effects or critical hazards.
	Expression Tag (C-term)	
	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 SBP	No known significant effects or critical hazards.
	Expression Tag (C-term)	
	SureVector Blasticidin	No known significant effects or critical hazards.
	Mamm Selectable	
	Marker	
	SureVector Hygromycin	No known significant effects or critical hazards.
	Mamm Selectable	
	Marker	
	SureVector Puromycin	No known significant effects or critical hazards.
	Mamm Selectable	
	Marker	
	SureVector LacZ Mamm	No known significant effects or critical hazards.
	Control (C-term)	
<b>Developmental effects</b>	: SureVector CMV Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector EF1α Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector SV40 Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector FLAG®	No known significant effects or critical hazards.
	Expression Tag (C-term)	
	SureVector GFP	No known significant effects or critical hazards.
	Expression Tag (C-term)	
	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 SBP	No known significant effects or critical hazards.
	Expression Tag (C-term)	
	SureVector Blasticidin	No known significant effects or critical hazards.
	Mamm Selectable	
	Marker	
	SureVector Hygromycin	No known significant effects or critical hazards.
	Mamm Selectable	
	Marker	
	SureVector Puromycin	No known significant effects or critical hazards.
	Mamm Selectable	
	Marker	
	SureVector LacZ Mamm	No known significant effects or critical hazards.
	Control (C-term)	

## SECTION 11: Toxicological information

<b>Fertility effects</b>	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 $\alpha$ Mamm Promoter	No known significant effects or critical hazards.
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
		SureVector FLAG <sup>®</sup> Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector GFP Expression Tag (C-term)	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 SBP Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
		SureVector LacZ Mamm 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.

**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 CMV Mamm Promoter</b>	Not applicable.
	<b>SureVector EF1<math>\alpha</math> Mamm Promoter</b>	Not applicable.
	<b>SureVector SV40 Mamm Promoter</b>	Not applicable.
	<b>SureVector FLAG<math>\text{\textcircled{R}}</math> Expression Tag (C-term)</b>	Not applicable.
	<b>SureVector GFP Expression Tag (C-term)</b>	Not applicable.
	<b>SureVector HA Expression Tag (C-Term)</b>	Not applicable.
	<b>SureVector c-Myc Expression Tag (C-term)</b>	Not applicable.
	<b>SureVector HIS6 Expression Tag (C-term)</b>	Not applicable.
	<b>SureVector SBP Expression Tag (C-term)</b>	Not applicable.
	<b>SureVector Blastocidin</b>	Not applicable.

## SECTION 15: Regulatory information

Mamm Selectable Marker SureVector Hygromycin	Not applicable.
Mamm Selectable Marker SureVector Puromycin	Not applicable.
Mamm Selectable Marker SureVector LacZ Mamm 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>	: All components are listed or exempted.
<b>Canada</b>	: All components are listed or exempted.
<b>China</b>	: All components are listed or exempted.
<b>Japan</b>	: <b>Japan inventory (ENCS)</b> : All components are listed or exempted. <b>Japan inventory (ISHL)</b> : All components are listed or exempted.
<b>Malaysia</b>	: Not determined.
<b>New Zealand</b>	: All components are listed or exempted.
<b>Philippines</b>	: All components are listed or exempted.
<b>Republic of Korea</b>	: All components are listed or exempted.
<b>Taiwan</b>	: All components are listed or exempted.
<b>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.

**Date of issue/ Date of revision** : 21/04/2017

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

**Version** : 1

### Notice to reader

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