

SAFETY DATA SHEET



SureVector Mammalian N-terminal Expansion Kit, 15 rxn, Part Number G7516A

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

1.1 Product identifier

Product name	: SureVector Mammalian N-terminal Expansion Kit, 15 rxn, Part Number G7516A
Part No. (Kit)	: G7516A
Part No.	: SureVector CMV Mamm Promoter 5190-9314
	SureVector EF1 α Mamm Promoter 5190-9315
	SureVector SV40 Mamm Promoter 5190-9316
	SureVector FLAG [®] Mamm Expression Tag (N-term) 5190-9317
	SureVector GFP Mamm Expression Tag (N-term) 5190-9318
	SureVector HA Mamm Expression Tag (N-term) 5190-9319
	SureVector c-Myc Mamm Expression Tag (N-term) 5190-9320
	SureVector HIS6 Mamm Expression Tag (N-term) 5190-9360
	SureVector SBP Mamm Expression Tag (N-term) 5190-9361
	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 (N-term) 5190-9350

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 α Mamm Promoter	0.03 ml (15 reactions)
SureVector SV40 Mamm Promoter	0.03 ml (15 reactions)
SureVector FLAG [®] Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector GFP Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector HA Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector c-Myc Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector HIS6 Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector SBP Mamm Expression Tag (N-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 (N-term)	0.03 ml (15 reactions)

1.3 Details of the supplier of the safety data sheet

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

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

Product definition	: SureVector CMV Mamm Promoter	Mixture
	SureVector EF1 α Mamm Promoter	Mixture
	SureVector SV40 Mamm Promoter	Mixture
	SureVector FLAG® Mamm Expression Tag (N-term)	Mixture
	SureVector GFP Mamm Expression Tag (N-term)	Mixture
	SureVector HA Mamm Expression Tag (N-term)	Mixture
	SureVector c-Myc Mamm Expression Tag (N-term)	Mixture
	SureVector HIS6 Mamm Expression Tag (N-term)	Mixture
	SureVector SBP Mamm Expression Tag (N-term)	Mixture
	SureVector Blasticidin Mamm Selectable Marker	Mixture
	SureVector Hygromycin Mamm Selectable Marker	Mixture
	SureVector Puromycin Mamm Selectable Marker	Mixture
	SureVector LacZ Mamm Control (N-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

Signal word	:	SureVector CMV Mamm Promoter	No signal word.
		SureVector EF1 α Mamm Promoter	No signal word.
		SureVector SV40 Mamm Promoter	No signal word.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	No signal word.
		SureVector GFP Mamm Expression Tag (N-term)	No signal word.
		SureVector HA Mamm Expression Tag (N-term)	No signal word.
		SureVector c-Myc Mamm Expression Tag (N-term)	No signal word.
		SureVector HIS6 Mamm Expression Tag (N-term)	No signal word.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	No signal word.
Hazard statements	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.

Precautionary statements

SECTION 2: Hazards identification

Prevention	:	SureVector CMV Mamm Promoter	Not applicable.	
		SureVector EF1 α Mamm Promoter	Not applicable.	
		SureVector SV40 Mamm Promoter	Not applicable.	
		SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.	
		SureVector GFP Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HA Mamm Expression Tag (N-term)	Not applicable.	
		SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.	
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not applicable.	
	Response	:	SureVector CMV Mamm Promoter	Not applicable.
			SureVector EF1 α Mamm Promoter	Not applicable.
			SureVector SV40 Mamm Promoter	Not applicable.
			SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
			SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
			SureVector HA Mamm Expression Tag (N-term)	Not applicable.
		SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.	
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not applicable.	

SECTION 2: Hazards identification

Storage	:	SureVector CMV Mamm Promoter	Not applicable.
		SureVector EF1 α Mamm Promoter	Not applicable.
		SureVector SV40 Mamm Promoter	Not applicable.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
		SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
		SureVector HA Mamm Expression Tag (N-term)	Not applicable.
		SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
		SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not applicable.
Disposal	:	SureVector CMV Mamm Promoter	Not applicable.
		SureVector EF1 α Mamm Promoter	Not applicable.
		SureVector SV40 Mamm Promoter	Not applicable.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
		SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
		SureVector HA Mamm Expression Tag (N-term)	Not applicable.
		SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
		SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not applicable.

SECTION 2: Hazards identification

Supplemental label elements	:	SureVector CMV Mamm Promoter	Not applicable.	
		SureVector EF1 α Mamm Promoter	Not applicable.	
		SureVector SV40 Mamm Promoter	Not applicable.	
		SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.	
		SureVector GFP Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HA Mamm Expression Tag (N-term)	Not applicable.	
		SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.	
		SureVector SBP Mamm Expression Tag (N-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 (N-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 EF1 α Mamm Promoter	Not applicable.
			SureVector SV40 Mamm Promoter	Not applicable.
			SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
			SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
		SureVector HA Mamm Expression Tag (N-term)	Not applicable.	
		SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.	
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not applicable.	

Special packaging requirements

SECTION 2: Hazards identification

Tactile warning of danger	:	SureVector CMV Mamm Promoter	Not applicable.
		SureVector EF1 α Mamm Promoter	Not applicable.
		SureVector SV40 Mamm Promoter	Not applicable.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
		SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
		SureVector HA Mamm Expression Tag (N-term)	Not applicable.
		SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
		SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not applicable.

2.3 Other hazards

Other hazards which do not result in classification	:	SureVector CMV Mamm Promoter	None known.
		SureVector EF1 α Mamm Promoter	None known.
		SureVector SV40 Mamm Promoter	None known.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	None known.
		SureVector GFP Mamm Expression Tag (N-term)	None known.
		SureVector HA Mamm Expression Tag (N-term)	None known.
		SureVector c-Myc Mamm Expression Tag (N-term)	None known.
		SureVector HIS6 Mamm Expression Tag (N-term)	None known.
		SureVector SBP Mamm Expression Tag (N-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	None known.

SECTION 2: Hazards identification

Control (N-term)

SECTION 3: Composition/information on ingredients

3.1 Substances	:	SureVector CMV Mamm Promoter	Mixture
		SureVector EF1α Mamm Promoter	Mixture
		SureVector SV40 Mamm Promoter	Mixture
		SureVector FLAG® Mamm Expression Tag (N-term)	Mixture
		SureVector GFP Mamm Expression Tag (N-term)	Mixture
		SureVector HA Mamm Expression Tag (N-term)	Mixture
		SureVector c-Myc Mamm Expression Tag (N-term)	Mixture
		SureVector HIS6 Mamm Expression Tag (N-term)	Mixture
		SureVector SBP Mamm Expression Tag (N-term)	Mixture
		SureVector Blasticidin Mamm Selectable Marker	Mixture
		SureVector Hygromycin Mamm Selectable Marker	Mixture
		SureVector Puromycin Mamm Selectable Marker	Mixture
		SureVector LacZ Mamm Control (N-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

Eye contact	:	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 EF1α 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® Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

SECTION 4: First aid measures

SureVector HIS6 Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector SBP Mamm Expression Tag (N-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 (N-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.

Inhalation

: 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 EF1 α 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 [®] Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector GFP Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector HA Mamm Expression Tag (N-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 Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector HIS6 Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

SECTION 4: First aid measures

Skin contact	:	SureVector CMV Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector EF1 α 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 [®] Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector GFP Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector HA Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector c-Myc Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector HIS6 Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	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 EF1 α 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 [®] Mamm Expression Tag (N-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 Mamm	Wash out mouth with water. Remove victim to fresh air and

SECTION 4: First aid measures

Expression Tag (N-term)	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 Mamm Expression Tag (N-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector c-Myc Mamm Expression Tag (N-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector HIS6 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Blastocidin 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 (N-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.
Protection of first-aiders : 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® Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
SureVector GFP Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.

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SureVector HA Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
SureVector c-Myc Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
SureVector HIS6 Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
SureVector SBP Mamm Expression Tag (N-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.
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 (N-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

Eye contact	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.	
		SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.	
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.	
		SureVector FLAG $\text{\textcircled{R}}$ Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.	
	Inhalation	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
			SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
			SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
			SureVector FLAG $\text{\textcircled{R}}$ Mamm Expression Tag (N-term)	No known significant effects or critical hazards.

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	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.
Skin contact	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.
Ingestion	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.

SECTION 4: First aid measures

SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact

: SureVector CMV Mamm Promoter	No specific data.
SureVector EF1 α Mamm Promoter	No specific data.
SureVector SV40 Mamm Promoter	No specific data.
SureVector FLAG \otimes Mamm Expression Tag (N-term)	No specific data.
SureVector GFP Mamm Expression Tag (N-term)	No specific data.
SureVector HA Mamm Expression Tag (N-term)	No specific data.
SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	No specific data.

Inhalation

: SureVector CMV Mamm Promoter	No specific data.
SureVector EF1 α Mamm Promoter	No specific data.
SureVector SV40 Mamm Promoter	No specific data.
SureVector FLAG \otimes Mamm Expression Tag (N-term)	No specific data.
SureVector GFP Mamm Expression Tag (N-term)	No specific data.

SECTION 4: First aid measures

	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	No specific data.
Skin contact	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	No specific data.
Ingestion	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression Tag (N-term)	No specific data.

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SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

SureVector CMV Mamm Promoter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector EF1 α Mamm Promoter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector SV40 Mamm Promoter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector FLAG [®] Mamm Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector GFP Mamm Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector HA Mamm Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector c-Myc Mamm Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector HIS6 Mamm Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector SBP Mamm Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector Blasticidin Mamm Selectable Marker	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector Hygromycin Mamm Selectable Marker	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector Puromycin Mamm Selectable Marker	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector LacZ Mamm Control (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments

SureVector CMV Mamm Promoter	No specific treatment.
SureVector EF1 α Mamm Promoter	No specific treatment.
SureVector SV40 Mamm Promoter	No specific treatment.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific treatment.
SureVector GFP Mamm Expression Tag (N-term)	No specific treatment.
SureVector HA Mamm	No specific treatment.

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Expression Tag (N-term) SureVector c-Myc Mamm Expression Tag (N-term)	No specific treatment.
SureVector HIS6 Mamm Expression Tag (N-term)	No specific treatment.
SureVector SBP Mamm Expression Tag (N-term)	No specific treatment.
SureVector Blasticidin Mamm Selectable Marker	No specific treatment.
SureVector Hygromycin Mamm Selectable Marker	No specific treatment.
SureVector Puromycin Mamm Selectable Marker	No specific treatment.
SureVector LacZ Mamm Control (N-term)	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: SureVector CMV Mamm Promoter	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector EF1 α 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 [®] Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector GFP Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector HA Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector c-Myc Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector HIS6 Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.	
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	Use an extinguishing agent suitable for the surrounding fire.	
	Unsuitable extinguishing media	: SureVector CMV Mamm Promoter	None known.
		SureVector EF1 α Mamm Promoter	None known.
		SureVector SV40 Mamm Promoter	None known.
SureVector FLAG [®] Mamm Expression Tag (N-term)		None known.	
SureVector GFP Mamm		None known.	

SECTION 5: Firefighting measures

Expression Tag (N-term) SureVector HA Mamm	None known.
Expression Tag (N-term) SureVector c-Myc	None known.
Mamm Expression Tag (N-term) SureVector HIS6 Mamm	None known.
Expression Tag (N-term) SureVector SBP Mamm	None known.
Expression Tag (N-term) SureVector Blasticidin	None known.
Mamm Selectable Marker	
SureVector Hygromycin Mamm Selectable	None known.
Marker	
SureVector Puromycin Mamm Selectable	None known.
Marker	
SureVector LacZ Mamm Control (N-term)	None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture

: SureVector CMV Mamm Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector EF1α Mamm Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector SV40 Mamm Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector FLAG® Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector GFP Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector HA Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector c-Myc Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector HIS6 Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector SBP Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector Blasticidin Mamm Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector Hygromycin Mamm Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector Puromycin Mamm Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector LacZ Mamm Control (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products

: SureVector CMV Mamm Promoter	No specific data.
SureVector EF1α Mamm Promoter	No specific data.
SureVector SV40 Mamm Promoter	No specific data.
SureVector FLAG® Mamm Expression Tag (N-term)	No specific data.

SECTION 5: Firefighting measures

SureVector GFP Mamm Expression Tag (N-term)	No specific data.
SureVector HA Mamm Expression Tag (N-term)	No specific data.
SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	No specific data.

5.3 Advice for firefighters

Special precautions for fire-fighters

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 α 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 [®] Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 (N-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.

SECTION 5: Firefighting measures

Special protective equipment for fire-fighters	: SureVector CMV 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 EF1 α 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 [®] Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 HA Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Blastocidin 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)	

SECTION 5: Firefighting measures

SureVector Puromycin Mamm Selectable Marker	conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. 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 (N-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

For non-emergency personnel

: 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. 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® Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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	No action shall be taken involving any personal risk or

SECTION 6: Accidental release measures

For emergency responders

Mamm Selectable Marker	without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
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 spilled 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 spilled material. Put on appropriate personal protective equipment.
SureVector LacZ Mamm Control (N-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 spilled 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-emergency personnel".
SureVector SV40 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 FLAG® Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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	If specialised clothing is required to deal with the spillage,

SECTION 6: Accidental release measures

Mamm Selectable Marker	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 (N-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 EF1 α 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 \otimes Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 HA Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 (N-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

SECTION 6: Accidental release measures

Methods for cleaning up	<p>SureVector CMV Mamm Promoter</p> <p>SureVector EF1α Mamm Promoter</p> <p>SureVector SV40 Mamm Promoter</p> <p>SureVector FLAG[®] Mamm Expression Tag (N-term)</p> <p>SureVector GFP Mamm Expression Tag (N-term)</p> <p>SureVector HA Mamm Expression Tag (N-term)</p> <p>SureVector c-Myc Mamm Expression Tag (N-term)</p> <p>SureVector HIS6 Mamm Expression Tag (N-term)</p> <p>SureVector SBP Mamm Expression Tag (N-term)</p> <p>SureVector Blasticidin Mamm Selectable Marker</p> <p>SureVector Hygromycin Mamm Selectable Marker</p> <p>SureVector Puromycin Mamm Selectable Marker</p> <p>SureVector LacZ Mamm Control (N-term)</p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
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SECTION 6: Accidental release measures

of via a licensed waste disposal contractor.

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures	:	<p>SureVector CMV Mamm Promoter Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector EF1α Mamm Promoter Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector SV40 Mamm Promoter Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector FLAG[®] Mamm Expression Tag (N-term) Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector GFP Mamm Expression Tag (N-term) Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector HA Mamm Expression Tag (N-term) Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector c-Myc Mamm Expression Tag (N-term) Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector HIS6 Mamm Expression Tag (N-term) Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector SBP Mamm Expression Tag (N-term) Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector Blasticidin Mamm Selectable Marker Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector Hygromycin Mamm Selectable Marker Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector Puromycin Mamm Selectable Marker Put on appropriate personal protective equipment (see Section 8).</p> <p>SureVector LacZ Mamm Control (N-term) Put on appropriate personal protective equipment (see Section 8).</p>
Advice on general occupational hygiene	:	<p>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.</p> <p>SureVector EF1α 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.</p> <p>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.</p> <p>SureVector FLAG[®] Mamm Expression Tag (N-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.</p> <p>SureVector GFP Mamm Eating, drinking and smoking should be prohibited in areas</p>

SECTION 7: Handling and storage

Expression Tag (N-term)	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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 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 (N-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.
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SECTION 7: Handling and storage

SureVector EF1 α 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 [®] Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 HA Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm	Store in accordance with local regulations. Store in original

SECTION 7: Handling and storage

Expression Tag (N-term)	container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector Blastocidin 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 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector LacZ Mamm Control (N-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

Recommendations

: SureVector CMV Mamm Promoter	Industrial applications, Professional applications.
SureVector EF1 α Mamm Promoter	Industrial applications, Professional applications.
SureVector SV40 Mamm Promoter	Industrial applications, Professional applications.
SureVector FLAG [®] Mamm Expression Tag (N-term)	Industrial applications, Professional applications.
SureVector GFP Mamm Expression Tag (N-term)	Industrial applications, Professional applications.
SureVector HA Mamm Expression Tag (N-term)	Industrial applications, Professional applications.
SureVector c-Myc Mamm Expression Tag (N-term)	Industrial applications, Professional applications.
SureVector HIS6 Mamm Expression Tag (N-term)	Industrial applications, Professional applications.

SECTION 7: Handling and storage

	SureVector SBP Mamm Expression Tag (N-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 (N-term)	Industrial applications, Professional applications.
Industrial sector specific solutions	SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1 α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
	SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
	SureVector HA Mamm Expression Tag (N-term)	Not applicable.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not applicable.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

SECTION 8: Exposure controls/personal protection

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

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

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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

Physical state	: SureVector CMV Mamm Promoter	Liquid.
	: SureVector EF1α Mamm Promoter	Liquid.
	: SureVector SV40 Mamm Promoter	Liquid.
	: SureVector FLAG® Mamm Expression Tag (N-term)	Liquid.
	: SureVector GFP Mamm Expression Tag (N-term)	Liquid.
	: SureVector HA Mamm Expression Tag (N-term)	Liquid.
	: SureVector c-Myc Mamm Expression Tag	Liquid.

SECTION 9: Physical and chemical properties

	(N-term) SureVector HIS6 Mamm Expression Tag	Liquid.
	(N-term) SureVector SBP Mamm Expression Tag	Liquid.
	(N-term) SureVector Blasticidin Mamm Selectable Marker	Liquid.
	SureVector Hygromycin Mamm Selectable Marker	Liquid.
	SureVector Puromycin Mamm Selectable Marker	Liquid.
	SureVector LacZ Mamm Control (N-term)	Liquid.
Colour	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG [®] Mamm Expression Tag	Not available.
	(N-term) SureVector GFP Mamm Expression Tag	Not available.
	(N-term) SureVector HA Mamm Expression Tag (N- term)	Not available.
	SureVector c-Myc Mamm Expression Tag	Not available.
	(N-term) SureVector HIS6 Mamm Expression Tag	Not available.
	(N-term) SureVector SBP Mamm Expression Tag	Not available.
	(N-term) 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 (N-term)	Not available.
Odour	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG [®] Mamm Expression Tag	Not available.
	(N-term) SureVector GFP Mamm Expression Tag	Not available.

SECTION 9: Physical and chemical properties

	(N-term)	
	SureVector HA Mamm	Not available.
	Expression Tag (N-term)	
	SureVector c-Myc	Not available.
	Mamm Expression Tag (N-term)	
	SureVector HIS6	Not available.
	Mamm Expression Tag (N-term)	
	SureVector SBP	Not available.
	Mamm Expression Tag (N-term)	
	SureVector Blasticidin	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 (N-term)	
Odour threshold	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1 α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG [®]	Not available.
	Mamm Expression Tag (N-term)	
	SureVector GFP	Not available.
	Mamm Expression Tag (N-term)	
	SureVector HA Mamm	Not available.
	Expression Tag (N-term)	
	SureVector c-Myc	Not available.
	Mamm Expression Tag (N-term)	
	SureVector HIS6	Not available.
	Mamm Expression Tag (N-term)	
	SureVector SBP	Not available.
	Mamm Expression Tag (N-term)	
	SureVector Blasticidin	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 (N-term)	

SECTION 9: Physical and chemical properties

pH	:	SureVector CMV	8
		Mamm Promoter	
		SureVector EF1 α	8
		Mamm Promoter	
		SureVector SV40	8
		Mamm Promoter	
		SureVector FLAG®	8
		Mamm Expression Tag (N-term)	
		SureVector GFP	8
		Mamm Expression Tag (N-term)	
		SureVector HA Mamm	8
		Expression Tag (N-term)	
		SureVector c-Myc	8
		Mamm Expression Tag (N-term)	
		SureVector HIS6	8
		Mamm Expression Tag (N-term)	
		SureVector SBP	8
		Mamm Expression Tag (N-term)	
		SureVector Blasticidin	8
		Mamm Selectable Marker	
	SureVector Hygromycin	8	
	Mamm Selectable Marker		
	SureVector Puromycin	8	
	Mamm Selectable Marker		
	SureVector LacZ	8	
	Mamm Control (N-term)		
Melting point/freezing point	:	SureVector CMV	0°C
		Mamm Promoter	
		SureVector EF1 α	0°C
		Mamm Promoter	
		SureVector SV40	0°C
		Mamm Promoter	
		SureVector FLAG®	0°C
		Mamm Expression Tag (N-term)	
		SureVector GFP	0°C
		Mamm Expression Tag (N-term)	
		SureVector HA Mamm	0°C
		Expression Tag (N-term)	
		SureVector c-Myc	0°C
		Mamm Expression Tag (N-term)	
		SureVector HIS6	0°C
		Mamm Expression Tag (N-term)	
		SureVector SBP	0°C
		Mamm Expression Tag (N-term)	
		SureVector Blasticidin	0°C
		Mamm Selectable Marker	
	SureVector Hygromycin	0°C	
	Mamm Selectable		

SECTION 9: Physical and chemical properties

	Marker	
	SureVector Puromycin	0°C
	Mamm Selectable	
	Marker	
	SureVector LacZ	0°C
	Mamm Control (N-term)	
Initial boiling point and boiling range	: SureVector CMV	100°C
	Mamm Promoter	
	SureVector EF1α	100°C
	Mamm Promoter	
	SureVector SV40	100°C
	Mamm Promoter	
	SureVector FLAG®	100°C
	Mamm Expression Tag (N-term)	
	SureVector GFP	100°C
	Mamm Expression Tag (N-term)	
	SureVector HA Mamm Expression Tag (N-term)	100°C
	SureVector c-Myc	100°C
	Mamm Expression Tag (N-term)	
	SureVector HIS6	100°C
	Mamm Expression Tag (N-term)	
	SureVector SBP	100°C
	Mamm Expression Tag (N-term)	
	SureVector Blasticidin	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 (N-term)	
Flash point	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG®	Not available.
	Mamm Expression Tag (N-term)	
	SureVector GFP	Not available.
	Mamm Expression Tag (N-term)	
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc	Not available.
	Mamm Expression Tag (N-term)	
	SureVector HIS6	Not available.
	Mamm Expression Tag (N-term)	
	SureVector SBP	Not available.
	Mamm Expression Tag	

SECTION 9: Physical and chemical properties

	(N-term)	
	SureVector Blastcidin	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 (N-term)	
Evaporation rate	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1 α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG \otimes	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector GFP	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector HA Mamm	Not available.
	Expression Tag (N-	
	term)	
	SureVector c-Myc	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector HIS6	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector SBP	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector Blastcidin	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 (N-term)	
Flammability (solid, gas)	: SureVector CMV	Not applicable.
	Mamm Promoter	
	SureVector EF1 α	Not applicable.
	Mamm Promoter	
	SureVector SV40	Not applicable.
	Mamm Promoter	
	SureVector FLAG \otimes	Not applicable.
	Mamm Expression	
	Tag (N-term)	
	SureVector GFP	Not applicable.
	Mamm Expression	
	Tag (N-term)	
	SureVector HA Mamm	Not applicable.
	Expression Tag (N-	
	term)	
	SureVector c-Myc	Not applicable.

SECTION 9: Physical and chemical properties

Mamm Expression Tag (N-term)
 SureVector HIS6 Not applicable.
 Mamm Expression Tag (N-term)
 SureVector SBP Not applicable.
 Mamm Expression Tag (N-term)
 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 (N-term) Not applicable.

Upper/lower flammability or explosive limits : SureVector CMV Mamm Promoter Not available.
 SureVector EF1α Mamm Promoter Not available.
 SureVector SV40 Mamm Promoter Not available.
 SureVector FLAG® Mamm Expression Tag (N-term) Not available.
 SureVector GFP Mamm Expression Tag (N-term) Not available.
 SureVector HA Mamm Expression Tag (N-term) Not available.
 SureVector c-Myc Mamm Expression Tag (N-term) Not available.
 SureVector HIS6 Mamm Expression Tag (N-term) Not available.
 SureVector SBP Mamm Expression Tag (N-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 (N-term) Not available.

Vapour pressure : SureVector CMV Mamm Promoter Not available.
 SureVector EF1α Mamm Promoter Not available.
 SureVector SV40 Mamm Promoter Not available.
 SureVector FLAG® Mamm Expression Tag Not available.

SECTION 9: Physical and chemical properties

Vapour density

(N-term) SureVector GFP Mamm Expression Tag	Not available.
(N-term) SureVector HA Mamm Expression Tag (N- term)	Not available.
SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not available.
SureVector CMV Mamm Promoter	Not available.
SureVector EF1 α Mamm Promoter	Not available.
SureVector SV40 Mamm Promoter	Not available.
SureVector FLAG [®] Mamm Expression Tag (N-term)	Not available.
SureVector GFP Mamm Expression Tag (N-term)	Not available.
SureVector HA Mamm Expression Tag (N- term)	Not available.
SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not available.

SECTION 9: Physical and chemical properties

Relative density	:	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1 α Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	Not available.
		SureVector GFP Mamm Expression Tag (N-term)	Not available.
		SureVector HA Mamm Expression Tag (N-term)	Not available.
		SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
		SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not available.
Solubility(ies)	:	SureVector CMV Mamm Promoter	Easily soluble in the following materials: cold water and hot water.
		SureVector EF1 α Mamm Promoter	Easily soluble in the following materials: cold water and hot water.
		SureVector SV40 Mamm Promoter	Easily soluble in the following materials: cold water and hot water.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	Easily soluble in the following materials: cold water and hot water.
		SureVector GFP Mamm Expression Tag (N-term)	Easily soluble in the following materials: cold water and hot water.
		SureVector HA Mamm Expression Tag (N-term)	Easily soluble in the following materials: cold water and hot water.
		SureVector c-Myc Mamm Expression Tag (N-term)	Easily soluble in the following materials: cold water and hot water.
		SureVector HIS6 Mamm Expression Tag (N-term)	Easily soluble in the following materials: cold water and hot water.
		SureVector SBP Mamm Expression Tag (N-term)	Easily soluble in the following materials: cold water and hot water.
		SureVector Blasticidin Mamm Selectable Marker	Easily soluble in the following materials: cold water and hot water.
		SureVector Hygromycin Mamm Selectable	Easily soluble in the following materials: cold water and hot water.

SECTION 9: Physical and chemical properties

	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 (N-term)	
Partition coefficient: n-octanol/water	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG®	Not available.
	Mamm Expression Tag (N-term)	
	SureVector GFP	Not available.
	Mamm Expression Tag (N-term)	
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
	SureVector SBP Mamm Expression Tag (N-term)	Not available.
	SureVector Blasticidin Mamm Selectable	Not available.
	Marker	
	SureVector Hygromycin Mamm Selectable	Not available.
	Marker	
	SureVector Puromycin Mamm Selectable	Not available.
	Marker	
	SureVector LacZ Mamm Control (N-term)	Not available.
Auto-ignition temperature	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG®	Not available.
	Mamm Expression Tag (N-term)	
	SureVector GFP	Not available.
	Mamm Expression Tag (N-term)	
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
	SureVector SBP Mamm Expression Tag	Not available.

SECTION 9: Physical and chemical properties

	(N-term)	
	SureVector Blastcidin	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 (N-term)	
Decomposition temperature	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1 α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG \otimes	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector GFP	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector HA Mamm	Not available.
	Expression Tag (N-	
	term)	
	SureVector c-Myc	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector HIS6	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector SBP	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector Blastcidin	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 (N-term)	
Viscosity	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1 α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG \otimes	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector GFP	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector HA Mamm	Not available.
	Expression Tag (N-	
	term)	
	SureVector c-Myc	Not available.
	Mamm Expression Tag	

SECTION 9: Physical and chemical properties

	(N-term)	
	SureVector HIS6	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector SBP	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector Blasticidin	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 (N-term)	
Explosive properties	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1 α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG $\text{\textcircled{R}}$	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector GFP	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector HA Mamm	Not available.
	Expression Tag (N-	
	term)	
	SureVector c-Myc	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector HIS6	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector SBP	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector Blasticidin	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 (N-term)	
Oxidising properties	: SureVector CMV	Not available.
	Mamm Promoter	
	SureVector EF1 α	Not available.
	Mamm Promoter	
	SureVector SV40	Not available.
	Mamm Promoter	
	SureVector FLAG $\text{\textcircled{R}}$	Not available.
	Mamm Expression Tag	
	(N-term)	
	SureVector GFP	Not available.
	Mamm Expression Tag	

SECTION 9: Physical and chemical properties

(N-term) SureVector HA Mamm Expression Tag (N- term)	Not available.
SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity**10.1 Reactivity**

SureVector CMV Mamm Promoter	No specific test data related to reactivity available for this product or its ingredients.
SureVector EF1 α Mamm Promoter	No specific test data related to reactivity available for this product or its ingredients.
SureVector SV40 Mamm Promoter	No specific test data related to reactivity available for this product or its ingredients.
SureVector FLAG® Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
SureVector GFP Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
SureVector HA Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
SureVector c-Myc Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
SureVector HIS6 Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
SureVector SBP Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
SureVector Blasticidin Mamm Selectable Marker	No specific test data related to reactivity available for this product or its ingredients.
SureVector Hygromycin Mamm Selectable Marker	No specific test data related to reactivity available for this product or its ingredients.
SureVector Puromycin Mamm Selectable Marker	No specific test data related to reactivity available for this product or its ingredients.
SureVector LacZ Mamm Control (N-term)	No specific test data related to reactivity available for this product or its ingredients.

SECTION 10: Stability and reactivity

10.2 Chemical stability	:	<p>SureVector CMV Mamm Promoter The product is stable.</p> <p>SureVector EF1α Mamm Promoter The product is stable.</p> <p>SureVector SV40 Mamm Promoter The product is stable.</p> <p>SureVector FLAG® Mamm Expression Tag (N-term) The product is stable.</p> <p>SureVector GFP Mamm Expression Tag (N-term) The product is stable.</p> <p>SureVector HA Mamm Expression Tag (N-term) The product is stable.</p> <p>SureVector c-Myc Mamm Expression Tag (N-term) The product is stable.</p> <p>SureVector HIS6 Mamm Expression Tag (N-term) The product is stable.</p> <p>SureVector SBP Mamm Expression Tag (N-term) The product is stable.</p> <p>SureVector Blasticidin Mamm Selectable Marker The product is stable.</p> <p>SureVector Hygromycin Mamm Selectable Marker The product is stable.</p> <p>SureVector Puromycin Mamm Selectable Marker The product is stable.</p> <p>SureVector LacZ Mamm Control (N-term) The product is stable.</p>
10.3 Possibility of hazardous reactions	:	<p>SureVector CMV Mamm Promoter Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector EF1α Mamm Promoter Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector SV40 Mamm Promoter Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector FLAG® Mamm Expression Tag (N-term) Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector GFP Mamm Expression Tag (N-term) Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector HA Mamm Expression Tag (N-term) Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector c-Myc Mamm Expression Tag (N-term) Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector HIS6 Mamm Expression Tag (N-term) Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector SBP Mamm Expression Tag (N-term) Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector Blasticidin Mamm Selectable Marker Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector Hygromycin Mamm Selectable Marker Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector Puromycin Mamm Selectable Marker Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>SureVector LacZ Mamm Control (N-term) Under normal conditions of storage and use, hazardous reactions will not occur.</p>

SECTION 10: Stability and reactivity

10.4 Conditions to avoid	:	SureVector CMV Mamm Promoter	No specific data.
		SureVector EF1 α Mamm Promoter	No specific data.
		SureVector SV40 Mamm Promoter	No specific data.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
		SureVector GFP Mamm Expression Tag (N-term)	No specific data.
		SureVector HA Mamm Expression Tag (N-term)	No specific data.
		SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
		SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	No specific data.
10.5 Incompatible materials	:	SureVector CMV Mamm Promoter	May react or be incompatible with oxidising materials.
		SureVector EF1 α Mamm Promoter	May react or be incompatible with oxidising materials.
		SureVector SV40 Mamm Promoter	May react or be incompatible with oxidising materials.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
		SureVector GFP Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
		SureVector HA Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
		SureVector c-Myc Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
		SureVector HIS6 Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	May react or be incompatible with oxidising materials.

SECTION 10: Stability and reactivity

10.6 Hazardous decomposition products	: SureVector CMV Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector EF1 α 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 [®] Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector GFP Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector HA Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector c-Myc Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector HIS6 Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector SBP Mamm Expression Tag (N-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 (N-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 EF1 α Mamm Promoter	Not available.
SureVector SV40 Mamm Promoter	Not available.
SureVector FLAG [®] Mamm Expression Tag (N-term)	Not available.

SECTION 11: Toxicological information

SureVector GFP Mamm Expression Tag (N-term)	Not available.
SureVector HA Mamm Expression Tag (N-term)	Not available.
SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	Not available.

Potential acute health effects

Inhalation

: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.

Ingestion

: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector GFP Mamm	No known significant effects or critical hazards.

SECTION 11: Toxicological information

	Expression Tag (N-term)	
	SureVector HA Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector c-Myc	No known significant effects or critical hazards.
	Mamm Expression Tag	
	(N-term)	
	SureVector HIS6 Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-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 (N-term)	
Skin contact	: SureVector CMV Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector EF1 α 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.
	Mamm Expression Tag	
	(N-term)	
	SureVector GFP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HA Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector c-Myc	No known significant effects or critical hazards.
	Mamm Expression Tag	
	(N-term)	
	SureVector HIS6 Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-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 (N-term)	
Eye contact	: SureVector CMV Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector EF1 α 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.
	Mamm Expression Tag	
	(N-term)	
	SureVector GFP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HA Mamm	No known significant effects or critical hazards.

SECTION 11: Toxicological information

Expression Tag (N-term) SureVector c-Myc	No known significant effects or critical hazards.
Mamm Expression Tag (N-term) SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	:	SureVector CMV Mamm Promoter	No specific data.	
		SureVector EF1 α Mamm Promoter	No specific data.	
		SureVector SV40 Mamm Promoter	No specific data.	
		SureVector FLAG \otimes Mamm Expression Tag (N-term)	No specific data.	
		SureVector GFP Mamm Expression Tag (N-term)	No specific data.	
		SureVector HA Mamm Expression Tag (N-term)	No specific data.	
		SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.	
		SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.	
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	No specific data.	
	Ingestion	:	SureVector CMV Mamm Promoter	No specific data.
			SureVector EF1 α Mamm Promoter	No specific data.
			SureVector SV40 Mamm Promoter	No specific data.
			SureVector FLAG \otimes Mamm Expression Tag (N-term)	No specific data.
			SureVector GFP Mamm Expression Tag (N-term)	No specific data.
			SureVector HA Mamm Expression Tag (N-term)	No specific data.

SECTION 11: Toxicological information

	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	No specific data.
Skin contact	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG® Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	No specific data.
Eye contact	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG® Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag	No specific data.

SECTION 11: Toxicological information

(N-term)	
SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
SureVector SBP Mamm Expression Tag (N-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 (N-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

General	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.

SECTION 11: Toxicological information

Carcinogenicity	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.	
		SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.	
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.	
		SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.	
	Mutagenicity	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
			SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
			SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
			SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.	

SECTION 11: Toxicological information

Teratogenicity	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.
Developmental effects	:	SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
		SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
		SureVector SBP Mamm Expression Tag (N-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 (N-term)	No known significant effects or critical hazards.

SECTION 11: Toxicological information

Fertility effects	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-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 (N-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_{oc}) : 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.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	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 EF1 α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG \otimes Mamm Expression Tag (N-term)	Not applicable.
	SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
	SureVector HA Mamm Expression Tag (N-term)	Not applicable.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
	SureVector SBP Mamm Expression Tag (N-term)	Not applicable.
	SureVector Blastocidin	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 (N-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

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

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