

SAFETY DATA SHEET



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

Section 1. Identification

1.1 Product identifier

Product name : SureVector Mammalian C-terminal Expansion Kit, 15 rxn, Part Number G7516B

Part No. (Chemical Kit) : G7516B

Part No. :

SureVector CMV Mamm Promoter	5190-9314
SureVector EF1α Mamm Promoter	5190-9315
SureVector SV40 Mamm Promoter	5190-9316
SureVector FLAG® Expression Tag (C-term)	5190-9324
SureVector GFP Expression Tag (C-term)	5190-9325
SureVector HA Expression Tag (C-Term)	5190-8614
SureVector c-Myc Expression Tag (C-term)	5190-8615
SureVector HIS6 Expression Tag (C-term)	5190-8616
SureVector SBP Expression Tag (C-term)	5190-8618
SureVector Blasticidin Mamm Selectable Marker	5190-9321
SureVector Hygromycin Mamm Selectable Marker	5190-9322
SureVector Puromycin Mamm Selectable Marker	5190-9323
SureVector LacZ Mamm Control (C-term)	5190-9326

Validation date : 4/21/2017

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

Material uses : Analytical reagent.

SureVector CMV Mamm Promoter	0.03 ml (15 reactions)
SureVector EF1α Mamm Promoter	0.03 ml (15 reactions)
SureVector SV40 Mamm Promoter	0.03 ml (15 reactions)
SureVector FLAG® Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector GFP Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector HA Expression Tag (C-Term)	0.03 ml (15 reactions)
SureVector c-Myc Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector HIS6 Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector SBP Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector Blasticidin Mamm Selectable Marker	0.03 ml (15 reactions)
SureVector Hygromycin Mamm Selectable Marker	0.03 ml (15 reactions)
SureVector Puromycin Mamm Selectable Marker	0.03 ml (15 reactions)
SureVector LacZ Mamm Control (C-term)	0.03 ml (15 reactions)

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer : Agilent Technologies, Inc.
5301 Stevens Creek Blvd
Santa Clara, CA 95051, USA
800-227-9770

1.4 Emergency telephone number

In case of emergency : CHEMTREC®: 1-800-424-9300

Section 2. Hazards identification

2.1 Classification of the substance or mixture

OSHA/HCS status	: SureVector CMV Mamm Promoter	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector EF1 α Mamm Promoter	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector SV40 Mamm Promoter	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector FLAG [®] Expression Tag (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector GFP Expression Tag (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector HA Expression Tag (C-Term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector c-Myc Expression Tag (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector HIS6 Expression Tag (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector SBP Expression Tag (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector Blasticidin Mamm Selectable Marker	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to

Section 2. Hazards identification

	the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureVector Hygromycin Mamm Selectable Marker	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureVector Puromycin Mamm Selectable Marker	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureVector LacZ Mamm Control (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

Not classified.

2.2 GHS label elements

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® Expression Tag (C-term)	No signal word.
SureVector GFP Expression Tag (C-term)	No signal word.
SureVector HA Expression Tag (C-Term)	No signal word.
SureVector c-Myc Expression Tag (C-term)	No signal word.
SureVector HIS6 Expression Tag (C-term)	No signal word.
SureVector SBP Expression Tag (C-term)	No signal word.
SureVector Blasticidin Mamm Selectable Marker	No signal word.
SureVector Hygromycin Mamm Selectable Marker	No signal word.
SureVector Puromycin Mamm Selectable Marker	No signal word.
SureVector LacZ Mamm Control (C-term)	No signal word.

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® Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HA Expression Tag (C-	No known significant effects or critical hazards.

Section 2. Hazards identification

Term)	
SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.

Precautionary statements

Prevention

: <input checked="" type="checkbox"/> SureVector CMV Mamm Promoter	Not applicable.
SureVector EF1 α Mamm Promoter	Not applicable.
SureVector SV40 Mamm Promoter	Not applicable.
SureVector FLAG [®] Expression Tag (C-term)	Not applicable.
SureVector GFP Expression Tag (C-term)	Not applicable.
SureVector HA Expression Tag (C-Term)	Not applicable.
SureVector c-Myc Expression Tag (C-term)	Not applicable.
SureVector HIS6 Expression Tag (C-term)	Not applicable.
SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Blasticidin Mamm Selectable Marker	Not applicable.
SureVector Hygromycin Mamm Selectable Marker	Not applicable.
SureVector Puromycin Mamm Selectable Marker	Not applicable.
SureVector LacZ Mamm Control (C-term)	Not applicable.

Response

: <input checked="" type="checkbox"/> SureVector CMV Mamm Promoter	Not applicable.
SureVector EF1 α Mamm Promoter	Not applicable.
SureVector SV40 Mamm Promoter	Not applicable.
SureVector FLAG [®] Expression Tag (C-term)	Not applicable.
SureVector GFP Expression Tag (C-term)	Not applicable.
SureVector HA Expression Tag (C-Term)	Not applicable.
SureVector c-Myc Expression Tag (C-term)	Not applicable.
SureVector HIS6 Expression Tag (C-term)	Not applicable.
SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Blasticidin Mamm Selectable Marker	Not applicable.
SureVector Hygromycin Mamm Selectable Marker	Not applicable.

Section 2. Hazards identification

	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (C-term)	Not applicable.
Storage	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1 α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG [®] Expression Tag (C-term)	Not applicable.
	SureVector GFP Expression Tag (C-term)	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.
	SureVector c-Myc Expression Tag (C-term)	Not applicable.
	SureVector HIS6 Expression Tag (C-term)	Not applicable.
	SureVector SBP Expression Tag (C-term)	Not applicable.
	SureVector Blasticidin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (C-term)	Not applicable.
Disposal	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1 α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG [®] Expression Tag (C-term)	Not applicable.
	SureVector GFP Expression Tag (C-term)	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.
	SureVector c-Myc Expression Tag (C-term)	Not applicable.
	SureVector HIS6 Expression Tag (C-term)	Not applicable.
	SureVector SBP Expression Tag (C-term)	Not applicable.
	SureVector Blasticidin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (C-term)	Not applicable.
Supplemental label elements	: SureVector CMV Mamm Promoter	None known.
	SureVector EF1 α Mamm Promoter	None known.
	SureVector SV40 Mamm Promoter	None known.
	SureVector FLAG [®] Expression Tag (C-term)	None known.
	SureVector GFP Expression Tag (C-term)	None known.
	SureVector HA Expression Tag (C-	None known.

Section 2. Hazards identification

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

2.3 Other hazards

Hazards not otherwise classified

☑ SureVector CMV Mamm Promoter	None known.
SureVector EF1α Mamm Promoter	None known.
SureVector SV40 Mamm Promoter	None known.
SureVector FLAG® Expression Tag (C-term)	None known.
SureVector GFP Expression Tag (C-term)	None known.
SureVector HA Expression Tag (C-Term)	None known.
SureVector c-Myc Expression Tag (C-term)	None known.
SureVector HIS6 Expression Tag (C-term)	None known.
SureVector SBP Expression Tag (C-term)	None known.
SureVector Blasticidin Mamm Selectable Marker	None known.
SureVector Hygromycin Mamm Selectable Marker	None known.
SureVector Puromycin Mamm Selectable Marker	None known.
SureVector LacZ Mamm Control (C-term)	None known.

Section 3. Composition/information on ingredients

Substance/mixture	☑ SureVector CMV Mamm Promoter	Mixture
	SureVector EF1α Mamm Promoter	Mixture
	SureVector SV40 Mamm Promoter	Mixture
	SureVector FLAG® Expression Tag (C-term)	Mixture
	SureVector GFP Expression Tag (C-term)	Mixture
	SureVector HA Expression Tag (C-Term)	Mixture
	SureVector c-Myc Expression Tag (C-term)	Mixture
	SureVector HIS6 Expression Tag (C-term)	Mixture
	SureVector SBP Expression Tag (C-term)	Mixture
	SureVector Blasticidin Mamm Selectable Marker	Mixture

Section 3. Composition/information on ingredients

SureVector Hygromycin Mamm Selectable Marker	Mixture
SureVector Puromycin Mamm Selectable Marker	Mixture
SureVector LacZ Mamm Control (C-term)	Mixture

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

Section 4. First aid measures

4.1 Description of necessary 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 EF1 α Mamm Promoter	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector SV40 Mamm Promoter	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector FLAG [®] Expression Tag (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector GFP Expression Tag (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector HA Expression Tag (C-Term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector c-Myc Expression Tag (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector HIS6 Expression Tag (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector SBP Expression Tag (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector Blasticidin Mamm Selectable Marker	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector Hygromycin Mamm Selectable Marker	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

Section 4. First aid measures

Inhalation

SureVector Puromycin Mamm Selectable Marker	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector LacZ Mamm Control (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
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 [®] Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector GFP Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector HA Expression Tag (C-Term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector c-Myc Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector HIS6 Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector SBP Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector Blasticidin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector Hygromycin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector Puromycin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector LacZ Mamm Control (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact

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 [®] Expression Tag (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

Section 4. First aid measures

SureVector GFP Expression Tag (C-term)	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector HA Expression Tag (C-Term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector c-Myc Expression Tag (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector HIS6 Expression Tag (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector SBP Expression Tag (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector Blasticidin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector Hygromycin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector Puromycin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector LacZ Mamm Control (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
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 [®] Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector GFP Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and

Section 4. First aid measures

SureVector HA Expression Tag (C-Term)	the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector c-Myc Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector HIS6 Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector SBP Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector Blasticidin Mamm Selectable Marker	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector Hygromycin Mamm Selectable Marker	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector Puromycin Mamm Selectable Marker	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector LacZ Mamm Control (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get

Section 4. First aid measures

medical attention if symptoms occur.

4.2 Most important symptoms/effects, 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® Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector GFP Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector HA Expression Tag (C-Term) No known significant effects or critical hazards.
- SureVector c-Myc Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector HIS6 Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector SBP Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector Blasticidin Mamm Selectable Marker No known significant effects or critical hazards.
- SureVector Hygromycin Mamm Selectable Marker No known significant effects or critical hazards.
- SureVector Puromycin Mamm Selectable Marker No known significant effects or critical hazards.
- SureVector LacZ Mamm Control (C-term) No known significant effects or critical hazards.

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® Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector GFP Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector HA Expression Tag (C-Term) No known significant effects or critical hazards.
- SureVector c-Myc Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector HIS6 Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector SBP Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector Blasticidin Mamm Selectable Marker No known significant effects or critical hazards.
- SureVector Hygromycin Mamm Selectable Marker No known significant effects or critical hazards.
- SureVector Puromycin Mamm Selectable Marker No known significant effects or critical hazards.
- SureVector LacZ Mamm Control (C-term) No known significant effects or critical hazards.

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® Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector GFP Expression Tag (C-term) No known significant effects or critical hazards.
- SureVector HA Expression Tag (C- No known significant effects or critical hazards.

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	Term)	
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
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® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.

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® Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-term)	No specific data.
	SureVector SBP Expression Tag (C-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm	No specific data.

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	Selectable Marker	
	SureVector LacZ Mamm Control (C-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 [®] Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-term)	No specific data.
	SureVector SBP Expression Tag (C-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (C-term)	No specific data.
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 [®] Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-term)	No specific data.
	SureVector SBP Expression Tag (C-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (C-term)	No specific data.
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 [®] Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag	No specific data.

Section 4. First aid measures

(C-term) SureVector HIS6 Expression Tag	No specific data.
(C-term) SureVector SBP Expression Tag	No specific data.
(C-term) SureVector Blasticidin Mamm Selectable Marker	No specific data.
SureVector Hygromycin Mamm Selectable Marker	No specific data.
SureVector Puromycin Mamm Selectable Marker	No specific data.
SureVector LacZ Mamm Control (C-term)	No specific data.

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

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 [®] Expression Tag (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector GFP Expression Tag (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector HA Expression Tag (C-Term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector c-Myc Expression Tag (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector HIS6 Expression Tag (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector SBP Expression Tag (C-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 (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 4. First aid measures

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 [®] Expression Tag (C-term)	No specific treatment.
SureVector GFP Expression Tag (C-term)	No specific treatment.
SureVector HA Expression Tag (C-Term)	No specific treatment.
SureVector c-Myc Expression Tag (C-term)	No specific treatment.
SureVector HIS6 Expression Tag (C-term)	No specific treatment.
SureVector SBP Expression Tag (C-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 (C-term)	No specific treatment.

Protection of first-aiders


: SureVector CMV Mamm Promoter	No action shall be taken involving any personal risk or without suitable training.
SureVector EF1 α Mamm Promoter	No action shall be taken involving any personal risk or without suitable training.
SureVector SV40 Mamm Promoter	No action shall be taken involving any personal risk or without suitable training.
SureVector FLAG [®] Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
SureVector GFP Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
SureVector HA Expression Tag (C-Term)	No action shall be taken involving any personal risk or without suitable training.
SureVector c-Myc Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
SureVector HIS6 Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
SureVector SBP Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training.
SureVector Blasticidin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
SureVector Hygromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
SureVector Puromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
SureVector LacZ Mamm Control (C-term)	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)


Section 5. Fire-fighting 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 [®] Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector GFP Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector HA Expression Tag (C-Term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector c-Myc Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector HIS6 Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector SBP Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector Blasticidin Mamm Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.
	SureVector Hygromycin Mamm Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.
	SureVector Puromycin Mamm Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.
	SureVector LacZ Mamm Control (C-term)	Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media

: 	SureVector CMV Mamm Promoter	None known.
	SureVector EF1 α Mamm Promoter	None known.
	SureVector SV40 Mamm Promoter	None known.
	SureVector FLAG [®] Expression Tag (C-term)	None known.
	SureVector GFP Expression Tag (C-term)	None known.
	SureVector HA Expression Tag (C-Term)	None known.
	SureVector c-Myc Expression Tag (C-term)	None known.
	SureVector HIS6 Expression Tag (C-term)	None known.
	SureVector SBP Expression Tag (C-term)	None known.
	SureVector Blasticidin Mamm Selectable Marker	None known.
	SureVector Hygromycin Mamm Selectable Marker	None known.
	SureVector Puromycin Mamm Selectable Marker	None known.
	SureVector LacZ Mamm Control (C-term)	None known.

5.2 Special hazards arising from the substance or mixture

Section 5. Fire-fighting measures

Specific hazards arising from the chemical

: <input checked="" type="checkbox"/>	SureVector CMV Mamm Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector EF1 α 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 [®] Expression Tag (C-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector GFP Expression Tag (C-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector HA Expression Tag (C-Term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector c-Myc Expression Tag (C-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector HIS6 Expression Tag (C-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector SBP Expression Tag (C-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 (C-term)	In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products

: <input checked="" type="checkbox"/>	SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-term)	No specific data.
	SureVector SBP Expression Tag (C-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (C-term)	No specific data.

5.3 Advice for firefighters

Section 5. Fire-fighting measures

Special protective actions 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 [®] Expression Tag (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector GFP Expression Tag (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HA Expression Tag (C-Term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector c-Myc Expression Tag (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HIS6 Expression Tag (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector SBP Expression Tag (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector Blasticidin Mamm Selectable Marker	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector Hygromycin Mamm Selectable Marker	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector Puromycin Mamm Selectable Marker	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector LacZ Mamm Control (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-fighting 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.
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.
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.
SureVector FLAG [®] Expression Tag (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector GFP Expression Tag (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector HA Expression Tag (C-Term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector c-Myc Expression Tag (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector HIS6 Expression Tag (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector SBP Expression Tag (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector Blasticidin Mamm Selectable Marker	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
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.
SureVector Puromycin Mamm Selectable Marker	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector LacZ Mamm Control (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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 spilled material. Put on appropriate personal protective equipment.
SureVector EF1 α 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 spilled 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 spilled material. Put on appropriate personal protective equipment.
SureVector FLAG [®] Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector GFP Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector HA Expression Tag (C-Term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector c-Myc Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector HIS6 Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector SBP Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector Blasticidin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and

Section 6. Accidental release measures

SureVector Hygromycin Mamm Selectable Marker	unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through 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 (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders : SureVector CMV Mamm Promoter	If specialized 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 EF1 α Mamm Promoter	If specialized 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 specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector FLAG [®] Expression Tag (C-term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector GFP Expression Tag (C-term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector HA Expression Tag (C-Term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector c-Myc Expression Tag (C-term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector HIS6 Expression Tag (C-term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector SBP Expression Tag (C-term)	If specialized 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 specialized clothing is required to deal with the spillage, take note of any information in Section 8

Section 6. Accidental release measures

	SureVector Hygromycin Mamm Selectable Marker	on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureVector Puromycin Mamm Selectable Marker	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureVector LacZ Mamm Control (C-term)	If specialized 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 spilled 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 spilled 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 spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector FLAG [®] Expression Tag (C-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector GFP Expression Tag (C-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector HA Expression Tag (C-Term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector c-Myc Expression Tag (C-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector HIS6 Expression Tag (C-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector SBP Expression Tag (C-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has

Section 6. Accidental release measures

SureVector Blasticidin Mamm Selectable Marker	caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilled 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 spilled 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 spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector LacZ Mamm Control (C-term)	Avoid dispersal of spilled 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 materials for containment and cleaning up

Methods for cleaning up	: SureVector CMV Mamm Promoter	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector EF1 α Mamm Promoter	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector SV40 Mamm Promoter	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector FLAG [®] Expression Tag (C-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector GFP Expression Tag (C-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector HA Expression Tag (C-Term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container.

Section 6. Accidental release measures

SureVector c-Myc Expression Tag (C-term)	disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector HIS6 Expression Tag (C-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector SBP Expression Tag (C-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector Blasticidin Mamm Selectable Marker	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector Hygromycin Mamm Selectable Marker	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector Puromycin Mamm Selectable Marker	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector LacZ Mamm Control (C-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures	: SureVector CMV Mamm Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector EF1 α Mamm Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector SV40 Mamm Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector FLAG [®] Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector GFP Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HA Expression Tag (C-	Put on appropriate personal protective equipment

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	Term)	(see Section 8).
	SureVector c-Myc Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HIS6 Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector SBP Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector Blasticidin Mamm Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
	SureVector Hygromycin Mamm Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
	SureVector Puromycin Mamm Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
	SureVector LacZ Mamm Control (C-term)	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	: SureVector CMV Mamm Promoter	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureVector EF1 α Mamm Promoter	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureVector SV40 Mamm Promoter	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureVector FLAG [®] Expression Tag (C-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureVector GFP Expression Tag (C-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureVector HA Expression Tag (C-Term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureVector c-Myc Expression Tag (C-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and

Section 7. Handling and storage

SureVector HIS6 Expression Tag (C-term)	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. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector SBP Expression Tag (C-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector Blasticidin Mamm Selectable Marker	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector Hygromycin Mamm Selectable Marker	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector Puromycin Mamm Selectable Marker	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector LacZ Mamm Control (C-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

: 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 unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector EF1α Mamm Promoter	Store in accordance with local regulations. Store in

Section 7. Handling and storage

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

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SureVector HIS6 Expression Tag (C-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector SBP Expression Tag (C-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector Blasticidin Mamm Selectable Marker	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled 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 unlabeled 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 unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector LacZ Mamm Control (C-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid

Section 7. Handling and storage

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 [®] Expression Tag (C-term)	Industrial applications, Professional applications.
SureVector GFP Expression Tag (C-term)	Industrial applications, Professional applications.
SureVector HA Expression Tag (C-Term)	Industrial applications, Professional applications.
SureVector c-Myc Expression Tag (C-term)	Industrial applications, Professional applications.
SureVector HIS6 Expression Tag (C-term)	Industrial applications, Professional applications.
SureVector SBP Expression Tag (C-term)	Industrial applications, Professional applications.
SureVector Blastidicin Mamm Selectable Marker	Industrial applications, Professional applications.
SureVector Hygromycin Mamm Selectable Marker	Industrial applications, Professional applications.
SureVector Puromycin Mamm Selectable Marker	Industrial applications, Professional applications.
SureVector LacZ Mamm Control (C-term)	Industrial applications, Professional applications.

Industrial sector specific solutions

SureVector CMV Mamm Promoter	Not applicable.
SureVector EF1 α Mamm Promoter	Not applicable.
SureVector SV40 Mamm Promoter	Not applicable.
SureVector FLAG [®] Expression Tag (C-term)	Not applicable.
SureVector GFP Expression Tag (C-term)	Not applicable.
SureVector HA Expression Tag (C-Term)	Not applicable.
SureVector c-Myc Expression Tag (C-term)	Not applicable.
SureVector HIS6 Expression Tag (C-term)	Not applicable.
SureVector SBP Expression Tag (C-term)	Not applicable.
SureVector Blastidicin Mamm Selectable Marker	Not applicable.
SureVector Hygromycin Mamm Selectable Marker	Not applicable.
SureVector Puromycin Mamm Selectable Marker	Not applicable.
SureVector LacZ Mamm Control (C-term)	Not applicable.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
None.	

8.2 Exposure controls

Appropriate engineering controls

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

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.

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.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

: SureVector CMV Mamm Promoter Liquid.
 SureVector EF1 α Mamm Promoter Liquid.
 SureVector SV40 Mamm Promoter Liquid.
 SureVector FLAG[®] Expression Tag (C-term) Liquid.
 SureVector GFP Expression Tag (C-term) Liquid.
 SureVector HA Expression Tag (C-Term) Liquid.
 SureVector c-Myc Expression Tag Liquid.

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	(C-term)	SureVector HIS6 Expression Tag	Liquid.
	(C-term)	SureVector SBP Expression Tag	Liquid.
	(C-term)	SureVector Blastidicin Mamm Selectable Marker	Liquid.
	(C-term)	SureVector Hygromycin Mamm Selectable Marker	Liquid.
	(C-term)	SureVector Puromycin Mamm Selectable Marker	Liquid.
	(C-term)	SureVector LacZ Mamm Control	Liquid.
Color	:	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1 α Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG [®] Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-term)	Not available.
		SureVector SBP Expression Tag (C-term)	Not available.
		SureVector Blastidicin Mamm Selectable Marker	Not available.
		SureVector Hygromycin Mamm Selectable Marker	Not available.
		SureVector Puromycin Mamm Selectable Marker	Not available.
		SureVector LacZ Mamm Control (C-term)	Not available.
Odor	:	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1 α Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG [®] Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-term)	Not available.
		SureVector SBP Expression Tag (C-term)	Not available.
		SureVector Blastidicin Mamm Selectable Marker	Not available.
		SureVector Hygromycin Mamm Selectable Marker	Not available.
		SureVector Puromycin Mamm Selectable Marker	Not available.
		SureVector LacZ Mamm Control (C-term)	Not available.

Section 9. Physical and chemical properties

Odor threshold : SureVector CMV Mamm Promoter Not available.
 SureVector EF1 α Mamm Promoter Not available.
 SureVector SV40 Mamm Promoter Not available.
 SureVector FLAG® Expression Tag (C-term) Not available.
 SureVector GFP Expression Tag (C-term) Not available.
 SureVector HA Expression Tag (C-Term) Not available.
 SureVector c-Myc Expression Tag (C-term) Not available.
 SureVector HIS6 Expression Tag (C-term) Not available.
 SureVector SBP Expression Tag (C-term) Not available.
 SureVector Blasticidin Mamm Selectable Marker Not available.
 SureVector Hygromycin Mamm Selectable Marker Not available.
 SureVector Puromycin Mamm Selectable Marker Not available.
 SureVector LacZ Mamm Control (C-term) Not available.

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

Melting point : SureVector CMV Mamm Promoter 0°C (32°F)
 SureVector EF1 α Mamm Promoter 0°C (32°F)
 SureVector SV40 Mamm Promoter 0°C (32°F)
 SureVector FLAG® Expression Tag (C-term) 0°C (32°F)
 SureVector GFP Expression Tag (C-term) 0°C (32°F)
 SureVector HA Expression Tag (C-Term) 0°C (32°F)
 SureVector c-Myc Expression Tag (C-term) 0°C (32°F)
 SureVector HIS6 Expression Tag 0°C (32°F)

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	(C-term)	
	SureVector SBP Expression Tag	0°C (32°F)
	(C-term)	
	SureVector Blasticidin Mamm	0°C (32°F)
	Selectable Marker	
	SureVector Hygromycin Mamm	0°C (32°F)
	Selectable Marker	
	SureVector Puromycin Mamm	0°C (32°F)
	Selectable Marker	
	SureVector LacZ Mamm Control	0°C (32°F)
	(C-term)	
Boiling point	: SureVector CMV Mamm Promoter	100°C (212°F)
	SureVector EF1α Mamm Promoter	100°C (212°F)
	SureVector SV40 Mamm Promoter	100°C (212°F)
	SureVector FLAG® Expression	100°C (212°F)
	Tag (C-term)	
	SureVector GFP Expression Tag	100°C (212°F)
	(C-term)	
	SureVector HA Expression Tag (C-	100°C (212°F)
	Term)	
	SureVector c-Myc Expression Tag	100°C (212°F)
	(C-term)	
	SureVector HIS6 Expression Tag	100°C (212°F)
	(C-term)	
	SureVector SBP Expression Tag	100°C (212°F)
	(C-term)	
	SureVector Blasticidin Mamm	100°C (212°F)
	Selectable Marker	
	SureVector Hygromycin Mamm	100°C (212°F)
	Selectable Marker	
	SureVector Puromycin Mamm	100°C (212°F)
	Selectable Marker	
	SureVector LacZ Mamm Control	100°C (212°F)
	(C-term)	
Flash point	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG® Expression	Not available.
	Tag (C-term)	
	SureVector GFP Expression Tag	Not available.
	(C-term)	
	SureVector HA Expression Tag (C-	Not available.
	Term)	
	SureVector c-Myc Expression Tag	Not available.
	(C-term)	
	SureVector HIS6 Expression Tag	Not available.
	(C-term)	
	SureVector SBP Expression Tag	Not available.
	(C-term)	
	SureVector Blasticidin Mamm	Not available.
	Selectable Marker	
	SureVector Hygromycin Mamm	Not available.
	Selectable Marker	
	SureVector Puromycin Mamm	Not available.
	Selectable Marker	
	SureVector LacZ Mamm Control	Not available.
	(C-term)	

Section 9. Physical and chemical properties

Evaporation rate	: <input checked="" type="checkbox"/>	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1 α Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG [®] Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-term)	Not available.
		SureVector SBP Expression Tag (C-term)	Not available.
		SureVector Blasticidin Mamm Selectable Marker	Not available.
		SureVector Hygromycin Mamm Selectable Marker	Not available.
		SureVector Puromycin Mamm Selectable Marker	Not available.
		SureVector LacZ Mamm Control (C-term)	Not available.
Flammability (solid, gas)	: <input checked="" type="checkbox"/>	SureVector CMV Mamm Promoter	Not applicable.
		SureVector EF1 α Mamm Promoter	Not applicable.
		SureVector SV40 Mamm Promoter	Not applicable.
		SureVector FLAG [®] Expression Tag (C-term)	Not applicable.
		SureVector GFP Expression Tag (C-term)	Not applicable.
		SureVector HA Expression Tag (C-Term)	Not applicable.
		SureVector c-Myc Expression Tag (C-term)	Not applicable.
		SureVector HIS6 Expression Tag (C-term)	Not applicable.
		SureVector SBP Expression Tag (C-term)	Not applicable.
		SureVector Blasticidin Mamm Selectable Marker	Not applicable.
		SureVector Hygromycin Mamm Selectable Marker	Not applicable.
		SureVector Puromycin Mamm Selectable Marker	Not applicable.
		SureVector LacZ Mamm Control (C-term)	Not applicable.
Lower and upper explosive (flammable) limits	: <input checked="" type="checkbox"/>	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1 α Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG [®] Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-term)	Not available.

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	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (C-term)	Not available.
Vapor pressure	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG [®] Expression Tag (C-term)	Not available.
	SureVector GFP Expression Tag (C-term)	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (C-term)	Not available.
Vapor density	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG [®] Expression Tag (C-term)	Not available.
	SureVector GFP Expression Tag (C-term)	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-term)	Not available.
	SureVector SBP Expression Tag (C-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (C-term)	Not available.

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Relative density	: SureVector CMV Mamm Promoter Tag (C-term) Not available. SureVector EF1 α Mamm Promoter Tag (C-term) Not available. SureVector SV40 Mamm Promoter Tag (C-term) Not available. SureVector FLAG [®] Expression Tag (C-term) Not available. SureVector GFP Expression Tag (C-term) Not available. SureVector HA Expression Tag (C-Term) Not available. SureVector c-Myc Expression Tag (C-term) Not available. SureVector HIS6 Expression Tag (C-term) Not available. SureVector SBP Expression Tag (C-term) Not available. SureVector Blasticidin Mamm Selectable Marker Not available. SureVector Hygromycin Mamm Selectable Marker Not available. SureVector Puromycin Mamm Selectable Marker Not available. SureVector LacZ Mamm Control (C-term) Not available.
Solubility	: SureVector CMV Mamm Promoter Tag (C-term) Easily soluble in the following materials: cold water and hot water. SureVector EF1 α Mamm Promoter Tag (C-term) Easily soluble in the following materials: cold water and hot water. SureVector SV40 Mamm Promoter Tag (C-term) Easily soluble in the following materials: cold water and hot water. SureVector FLAG [®] Expression Tag (C-term) Easily soluble in the following materials: cold water and hot water. SureVector GFP Expression Tag (C-term) Easily soluble in the following materials: cold water and hot water. SureVector HA Expression Tag (C-Term) Easily soluble in the following materials: cold water and hot water. SureVector c-Myc Expression Tag (C-term) Easily soluble in the following materials: cold water and hot water. SureVector HIS6 Expression Tag (C-term) Easily soluble in the following materials: cold water and hot water. SureVector SBP Expression Tag (C-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 Marker Easily soluble in the following materials: cold water and hot water. SureVector Puromycin Mamm Selectable Marker Easily soluble in the following materials: cold water and hot water. SureVector LacZ Mamm Control (C-term) Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: SureVector CMV Mamm Promoter Tag (C-term) Not available. SureVector EF1 α Mamm Promoter Tag (C-term) Not available. SureVector SV40 Mamm Promoter Tag (C-term) Not available. SureVector FLAG [®] Expression Tag (C-term) Not available. SureVector GFP Expression Tag (C-term) Not available. SureVector HA Expression Tag (C-Term) Not available. SureVector c-Myc Expression Tag (C-term) Not available.

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	(C-term)	SureVector HIS6 Expression Tag	Not available.
	(C-term)	SureVector SBP Expression Tag	Not available.
	(C-term)	SureVector Blasticidin Mamm	Not available.
	Selectable Marker	SureVector Hygromycin Mamm	Not available.
	Selectable Marker	SureVector Puromycin Mamm	Not available.
	Selectable Marker	SureVector LacZ Mamm Control	Not available.
	(C-term)	SureVector CMV Mamm Promoter	Not available.
Auto-ignition temperature	:	SureVector EF1 α Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG [®] Expression	Not available.
		Tag (C-term)	
		SureVector GFP Expression Tag	Not available.
		(C-term)	
		SureVector HA Expression Tag (C-	Not available.
		Term)	
		SureVector c-Myc Expression Tag	Not available.
		(C-term)	
		SureVector HIS6 Expression Tag	Not available.
		(C-term)	
		SureVector SBP Expression Tag	Not available.
		(C-term)	
		SureVector Blasticidin Mamm	Not available.
		Selectable Marker	
		SureVector Hygromycin Mamm	Not available.
		Selectable Marker	
		SureVector Puromycin Mamm	Not available.
		Selectable Marker	
		SureVector LacZ Mamm Control	Not available.
		(C-term)	
Decomposition temperature	:	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1 α Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG [®] Expression	Not available.
		Tag (C-term)	
		SureVector GFP Expression Tag	Not available.
		(C-term)	
		SureVector HA Expression Tag (C-	Not available.
		Term)	
		SureVector c-Myc Expression Tag	Not available.
		(C-term)	
		SureVector HIS6 Expression Tag	Not available.
		(C-term)	
		SureVector SBP Expression Tag	Not available.
		(C-term)	
		SureVector Blasticidin Mamm	Not available.
		Selectable Marker	
		SureVector Hygromycin Mamm	Not available.
		Selectable Marker	
		SureVector Puromycin Mamm	Not available.
		Selectable Marker	
		SureVector LacZ Mamm Control	Not available.
		(C-term)	

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

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 [®] Expression Tag (C-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector GFP Expression Tag (C-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector HA Expression Tag (C-Term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector c-Myc Expression Tag (C-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector HIS6 Expression Tag (C-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector SBP Expression Tag (C-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 (C-term)	No specific test data related to reactivity available for this product or its ingredients.

Section 10. Stability and reactivity

10.2 Chemical stability	:  SureVector CMV Mamm Promoter	The product is stable.
	SureVector EF1 α Mamm Promoter	The product is stable.
	SureVector SV40 Mamm Promoter	The product is stable.
	SureVector FLAG [®] Expression Tag (C-term)	The product is stable.
	SureVector GFP Expression Tag (C-term)	The product is stable.
	SureVector HA Expression Tag (C-Term)	The product is stable.
	SureVector c-Myc Expression Tag (C-term)	The product is stable.
	SureVector HIS6 Expression Tag (C-term)	The product is stable.
	SureVector SBP Expression Tag (C-term)	The product is stable.
	SureVector Blasticidin Mamm Selectable Marker	The product is stable.
	SureVector Hygromycin Mamm Selectable Marker	The product is stable.
	SureVector Puromycin Mamm Selectable Marker	The product is stable.
	SureVector LacZ Mamm Control (C-term)	The product is stable.
10.3 Possibility of hazardous reactions	:  SureVector CMV Mamm Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector EF1 α Mamm Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector SV40 Mamm Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector FLAG [®] Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector GFP Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector HA Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector c-Myc Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector HIS6 Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector SBP Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector Blasticidin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector Hygromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector Puromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector LacZ Mamm Control (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
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 [®] Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.

Section 10. Stability and reactivity

SureVector HA Expression Tag (C-Term)	No specific data.
SureVector c-Myc Expression Tag (C-term)	No specific data.
SureVector HIS6 Expression Tag (C-term)	No specific data.
SureVector SBP Expression Tag (C-term)	No specific data.
SureVector Blasticidin Mamm Selectable Marker	No specific data.
SureVector Hygromycin Mamm Selectable Marker	No specific data.
SureVector Puromycin Mamm Selectable Marker	No specific data.
SureVector LacZ Mamm Control (C-term)	No specific data.

10.5 Incompatible materials	:	<ul style="list-style-type: none"> ☒ SureVector CMV Mamm Promoter SureVector EF1α Mamm Promoter SureVector SV40 Mamm Promoter SureVector FLAG[®] Expression Tag (C-term) SureVector GFP Expression Tag (C-term) SureVector HA Expression Tag (C-Term) SureVector c-Myc Expression Tag (C-term) SureVector HIS6 Expression Tag (C-term) SureVector SBP Expression Tag (C-term) SureVector Blasticidin Mamm Selectable Marker SureVector Hygromycin Mamm Selectable Marker SureVector Puromycin Mamm Selectable Marker SureVector LacZ Mamm Control (C-term) 	<ul style="list-style-type: none"> May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials.
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10.6 Hazardous decomposition products	:	<ul style="list-style-type: none"> ☒ SureVector CMV Mamm Promoter SureVector EF1α Mamm Promoter SureVector SV40 Mamm Promoter SureVector FLAG[®] Expression Tag (C-term) SureVector GFP Expression Tag (C-term) 	<ul style="list-style-type: none"> Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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Section 10. Stability and reactivity

SureVector HA Expression Tag (C-Term)	produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector c-Myc Expression Tag (C-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector HIS6 Expression Tag (C-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector SBP Expression Tag (C-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector Blasticidin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector Hygromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector Puromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector LacZ Mamm Control (C-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

[11.1 Information on toxicological effects](#)

[Acute toxicity](#)

Not available.

[Irritation/Corrosion](#)

Not available.

[Sensitization](#)

Not available.

[Mutagenicity](#)

Not available.

[Carcinogenicity](#)

Not available.

[Reproductive toxicity](#)

Not available.

[Teratogenicity](#)

Not available.

[Specific target organ toxicity \(single exposure\)](#)

Not available.

[Specific target organ toxicity \(repeated exposure\)](#)

Not available.

[Aspiration hazard](#)

Not available.

Section 11. Toxicological information

Information on the 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 [®] Expression Tag (C-term)	Not available.
SureVector GFP Expression Tag (C-term)	Not available.
SureVector HA Expression Tag (C-Term)	Not available.
SureVector c-Myc Expression Tag (C-term)	Not available.
SureVector HIS6 Expression Tag (C-term)	Not available.
SureVector SBP Expression Tag (C-term)	Not available.
SureVector Blasticidin Mamm Selectable Marker	Not available.
SureVector Hygromycin Mamm Selectable Marker	Not available.
SureVector Puromycin Mamm Selectable Marker	Not available.
SureVector LacZ Mamm Control (C-term)	Not available.

Potential acute health effects

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 [®] Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.

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 [®] Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector c-Myc Expression Tag	No known significant effects or critical hazards.

Section 11. Toxicological information

	(C-term)		
	SureVector HIS6 Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector SBP Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector Blasticidin Mamm	No known significant effects or critical hazards.	
	Selectable Marker		
	SureVector Hygromycin Mamm	No known significant effects or critical hazards.	
	Selectable Marker		
	SureVector Puromycin Mamm	No known significant effects or critical hazards.	
	Selectable Marker		
	SureVector LacZ Mamm Control	No known significant effects or critical hazards.	
	(C-term)		
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 [®] Expression	No known significant effects or critical hazards.	
	Tag (C-term)		
	SureVector GFP Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector HA Expression Tag (C-	No known significant effects or critical hazards.	
	Term)		
	SureVector c-Myc Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector HIS6 Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector SBP Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector Blasticidin Mamm	No known significant effects or critical hazards.	
	Selectable Marker		
	SureVector Hygromycin Mamm	No known significant effects or critical hazards.	
	Selectable Marker		
	SureVector Puromycin Mamm	No known significant effects or critical hazards.	
	Selectable Marker		
	SureVector LacZ Mamm Control	No known significant effects or critical hazards.	
	(C-term)		
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 [®] Expression	No known significant effects or critical hazards.	
	Tag (C-term)		
	SureVector GFP Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector HA Expression Tag (C-	No known significant effects or critical hazards.	
	Term)		
	SureVector c-Myc Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector HIS6 Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector SBP Expression Tag	No known significant effects or critical hazards.	
	(C-term)		
	SureVector Blasticidin Mamm	No known significant effects or critical hazards.	
	Selectable Marker		
	SureVector Hygromycin Mamm	No known significant effects or critical hazards.	
	Selectable Marker		
	SureVector Puromycin Mamm	No known significant effects or critical hazards.	
	Selectable Marker		
	SureVector LacZ Mamm Control	No known significant effects or critical hazards.	

Section 11. Toxicological information

(C-term)

Symptoms related to the physical, chemical and toxicological characteristics

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® Expression Tag (C-term)	No specific data.	
		SureVector GFP Expression Tag (C-term)	No specific data.	
		SureVector HA Expression Tag (C-Term)	No specific data.	
		SureVector c-Myc Expression Tag (C-term)	No specific data.	
		SureVector HIS6 Expression Tag (C-term)	No specific data.	
		SureVector SBP Expression Tag (C-term)	No specific data.	
		SureVector Blasticidin Mamm Selectable Marker	No specific data.	
		SureVector Hygromycin Mamm Selectable Marker	No specific data.	
		SureVector Puromycin Mamm Selectable Marker	No specific data.	
		SureVector LacZ Mamm Control (C-term)	No specific data.	
	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® Expression Tag (C-term)	No specific data.	
		SureVector GFP Expression Tag (C-term)	No specific data.	
		SureVector HA Expression Tag (C-Term)	No specific data.	
		SureVector c-Myc Expression Tag (C-term)	No specific data.	
		SureVector HIS6 Expression Tag (C-term)	No specific data.	
		SureVector SBP Expression Tag (C-term)	No specific data.	
		SureVector Blasticidin Mamm Selectable Marker	No specific data.	
		SureVector Hygromycin Mamm Selectable Marker	No specific data.	
		SureVector Puromycin Mamm Selectable Marker	No specific data.	
		SureVector LacZ Mamm Control (C-term)	No specific data.	
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® Expression Tag (C-term)	No specific data.	
		SureVector GFP Expression Tag (C-term)	No specific data.	
		SureVector HA Expression Tag (C-Term)	No specific data.	

Section 11. Toxicological information

	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-term)	No specific data.
	SureVector SBP Expression Tag (C-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (C-term)	No specific data.
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 [®] Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-term)	No specific data.
	SureVector SBP Expression Tag (C-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (C-term)	No specific data.

Delayed and immediate effects and also 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 [®] Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-	No known significant effects or critical hazards.

Section 11. Toxicological information

	Term)	
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
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 [®] Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
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 [®] Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm	No known significant effects or critical hazards.

Section 11. Toxicological information

	Selectable Marker	
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
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® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
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® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.
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® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.

Section 11. Toxicological information

SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HIS6 Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector SBP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector Blastocidin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector LacZ Mamm Control (C-term)	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

12.1 Toxicity

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.

12.5 Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

13.1 Waste treatment methods

Disposal methods : The generation of waste should be avoided or minimized 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 13. Disposal considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

Regulatory information

DOT / IMDG / IATA : Not regulated.

Section 15. Regulatory information

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

U.S. Federal regulations : **United States inventory (TSCA 8b)**: All components are listed or exempted.
Clean Water Act (CWA) 311: Edetic acid

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

No products were found.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

California Prop. 65

No products were found.

International regulations

Section 15. Regulatory information

[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.

[Inventory list](#)

Australia	: All components are listed or exempted.
Canada inventory	: All components are listed or exempted.
China	: All components are listed or exempted.
Europe	: All components are listed or exempted.
Japan	: <input checked="" type="checkbox"/> 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	: <input checked="" type="checkbox"/> Not determined.

Section 16. Other information

[History](#)

Date of issue	: 04/21/2017
Date of previous issue	: 10/20/2015.
Version	: 2

Indicates information that has changed from previously issued version.

[Notice to reader](#)

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