

SAFETY DATA SHEET



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

Section 1. Identification

1.1 Product identifier

Product name	: SureVector Mammalian N-terminal Expansion Kit, 15 rxn, Part Number G7516A	
Part No. (Chemical Kit)	: G7516A	
Part No.	: SureVector CMV Mamm Promoter	5190-9314
	SureVector EF1 α Mamm Promoter	5190-9315
	SureVector SV40 Mamm Promoter	5190-9316
	SureVector FLAG [®] Mamm Expression Tag (N-term)	5190-9317
	SureVector GFP Mamm Expression Tag (N-term)	5190-9318
	SureVector HA Mamm Expression Tag (N-term)	5190-9319
	SureVector c-Myc Mamm Expression Tag (N-term)	5190-9320
	SureVector HIS6 Mamm Expression Tag (N-term)	5190-9360
	SureVector SBP Mamm Expression Tag (N-term)	5190-9361
	SureVector Blasticidin Mamm Selectable Marker	5190-9321
	SureVector Hygromycin Mamm Selectable Marker	5190-9322
	SureVector Puromycin Mamm Selectable Marker	5190-9323
	SureVector LacZ Mamm Control (N-term)	5190-9350

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 EF1 α Mamm Promoter	0.03 ml (15 reactions)
	SureVector SV40 Mamm Promoter	0.03 ml (15 reactions)
	SureVector FLAG [®] Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
	SureVector GFP Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
	SureVector HA Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
	SureVector c-Myc Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
	SureVector HIS6 Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
	SureVector SBP Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
	SureVector Blasticidin Mamm Selectable Marker	0.03 ml (15 reactions)
	SureVector Hygromycin Mamm Selectable Marker	0.03 ml (15 reactions)
	SureVector Puromycin Mamm Selectable Marker	0.03 ml (15 reactions)
	SureVector LacZ Mamm Control (N-term)	0.03 ml (15 reactions)

1.3 Details of the supplier of the safety data sheet

Section 1. Identification

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	: <input checked="" type="checkbox"/> 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® Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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

Section 2. Hazards identification

SureVector SBP Mamm Expression Tag (N-term)	SDS should be retained and available for employees and other users of this product. 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 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 (N-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 [®] Mamm Expression Tag (N-term)	No signal word.
SureVector GFP Mamm Expression Tag (N-term)	No signal word.
SureVector HA Mamm Expression Tag (N-term)	No signal word.
SureVector c-Myc Mamm Expression Tag (N-term)	No signal word.
SureVector HIS6 Mamm Expression Tag (N-term)	No signal word.
SureVector SBP Mamm Expression Tag (N-term)	No signal word.
SureVector Blasticidin Mamm Selectable Marker	No signal word.
SureVector Hygromycin Mamm Selectable Marker	No signal word.
SureVector Puromycin Mamm Selectable Marker	No signal word.

Section 2. Hazards identification

	SureVector LacZ Mamm Control (N-term)	No signal word.
Hazard statements	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.
Precautionary statements		
Prevention	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1 α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
	SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
	SureVector HA Mamm Expression Tag (N-term)	Not applicable.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
	SureVector SBP Mamm Expression Tag (N-term)	Not applicable.
	SureVector Blasticidin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (N-term)	Not applicable.
Response	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1 α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
	SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
	SureVector HA Mamm Expression Tag (N-term)	Not applicable.

Section 2. Hazards identification

	SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
	SureVector SBP Mamm Expression Tag (N-term)	Not applicable.
	SureVector Blasticidin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (N-term)	Not applicable.
Storage	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG® Mamm Expression Tag (N-term)	Not applicable.
	SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
	SureVector HA Mamm Expression Tag (N-term)	Not applicable.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
	SureVector SBP Mamm Expression Tag (N-term)	Not applicable.
	SureVector Blasticidin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (N-term)	Not applicable.
Disposal	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG® Mamm Expression Tag (N-term)	Not applicable.
	SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
	SureVector HA Mamm Expression Tag (N-term)	Not applicable.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
	SureVector SBP Mamm Expression Tag (N-term)	Not applicable.
	SureVector Blasticidin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control	Not applicable.

Section 2. Hazards identification

Supplemental label elements

	(N-term)	
:	☑ SureVector CMV Mamm Promoter	None known.
	SureVector EF1 α Mamm Promoter	None known.
	SureVector SV40 Mamm Promoter	None known.
	SureVector FLAG \otimes Mamm	None known.
	Expression Tag (N-term)	
	SureVector GFP Mamm	None known.
	Expression Tag (N-term)	
	SureVector HA Mamm Expression Tag (N-term)	None known.
	SureVector c-Myc Mamm	None known.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	None known.
	Expression Tag (N-term)	
	SureVector SBP Mamm	None known.
	Expression Tag (N-term)	
	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 (N-term)	None known.

2.3 Other hazards

Hazards not otherwise classified

:	☑ SureVector CMV Mamm Promoter	None known.
	SureVector EF1 α Mamm Promoter	None known.
	SureVector SV40 Mamm Promoter	None known.
	SureVector FLAG \otimes Mamm	None known.
	Expression Tag (N-term)	
	SureVector GFP Mamm	None known.
	Expression Tag (N-term)	
	SureVector HA Mamm Expression Tag (N-term)	None known.
	SureVector c-Myc Mamm	None known.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	None known.
	Expression Tag (N-term)	
	SureVector SBP Mamm	None known.
	Expression Tag (N-term)	
	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 (N-term)	None known.

Section 3. Composition/information on ingredients

Substance/mixture

:	☑ SureVector CMV Mamm Promoter	Mixture
	SureVector EF1 α Mamm Promoter	Mixture
	SureVector SV40 Mamm Promoter	Mixture
	SureVector FLAG \otimes Mamm	Mixture
	Expression Tag (N-term)	
	SureVector GFP Mamm Expression Tag (N-term)	Mixture
	SureVector HA Mamm Expression	Mixture

Section 3. Composition/information on ingredients

Tag (N-term)	
SureVector c-Myc Mamm Expression	Mixture
Tag (N-term)	
SureVector HIS6 Mamm Expression	Mixture
Tag (N-term)	
SureVector SBP Mamm Expression	Mixture
Tag (N-term)	
SureVector Blasticidin Mamm	Mixture
Selectable Marker	
SureVector Hygromycin Mamm	Mixture
Selectable Marker	
SureVector Puromycin Mamm	Mixture
Selectable Marker	
SureVector LacZ Mamm Control (N-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 [®] Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector GFP Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector HA Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector c-Myc Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector HIS6 Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector SBP Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Section 4. First aid measures

Inhalation

SureVector Blasticidin Mamm Selectable Marker	Check for and remove any contact lenses. Get 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 Hygromycin Mamm Selectable Marker	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector Puromycin Mamm Selectable Marker	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector LacZ Mamm Control (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation : SureVector CMV Mamm Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector EF1 α Mamm Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector SV40 Mamm Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector FLAG [®] Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector GFP Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector HA Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector c-Myc Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector HIS6 Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector SBP Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector Blasticidin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector Hygromycin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector Puromycin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector LacZ Mamm Control (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Section 4. First aid measures

Skin contact	: SureVector CMV Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector EF1 α Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector SV40 Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector GFP Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector HA Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector c-Myc Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector HIS6 Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector SBP Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector Blastocidin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector Hygromycin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector Puromycin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector LacZ Mamm Control (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: SureVector CMV Mamm Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector EF1 α Mamm Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector SV40 Mamm Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get

Section 4. First aid measures

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

Section 4. First aid measures

SureVector LacZ Mamm Control
(N-term)

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.

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.

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

Inhalation

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

Section 4. First aid measures

	Selectable Marker	
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.
Skin contact	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.
Ingestion	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.
Over-exposure signs/symptoms		
Eye contact	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression	No specific data.

Section 4. First aid measures

	Tag (N-term)	
	SureVector c-Myc Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector Blasticidin Mamm	No specific data.
	Selectable Marker	
	SureVector Hygromycin Mamm	No specific data.
	Selectable Marker	
	SureVector Puromycin Mamm	No specific data.
	Selectable Marker	
	SureVector LacZ Mamm Control	No specific data.
	(N-term)	
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 [®] Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HA Mamm Expression	No specific data.
	Tag (N-term)	
	SureVector c-Myc Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector Blasticidin Mamm	No specific data.
	Selectable Marker	
	SureVector Hygromycin Mamm	No specific data.
	Selectable Marker	
	SureVector Puromycin Mamm	No specific data.
	Selectable Marker	
	SureVector LacZ Mamm Control	No specific data.
	(N-term)	
Skin contact	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HA Mamm Expression	No specific data.
	Tag (N-term)	
	SureVector c-Myc Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector Blasticidin Mamm	No specific data.
	Selectable Marker	
	SureVector Hygromycin Mamm	No specific data.
	Selectable Marker	
	SureVector Puromycin Mamm	No specific data.
	Selectable Marker	

Section 4. First aid measures

Ingestion	SureVector LacZ Mamm Control (N-term)	No specific data.
	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (N-term)	No specific data.

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

Section 4. First aid measures

	Selectable Marker	specialist immediately if large quantities have been ingested or inhaled.
	SureVector Puromycin Mamm Selectable Marker	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureVector LacZ Mamm Control (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: SureVector CMV Mamm Promoter	No specific treatment.
	SureVector EF1 α Mamm Promoter	No specific treatment.
	SureVector SV40 Mamm Promoter	No specific treatment.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific treatment.
	SureVector GFP Mamm Expression Tag (N-term)	No specific treatment.
	SureVector HA Mamm Expression Tag (N-term)	No specific treatment.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific treatment.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific treatment.
	SureVector SBP Mamm Expression Tag (N-term)	No specific treatment.
	SureVector Blasticidin Mamm Selectable Marker	No specific treatment.
	SureVector Hygromycin Mamm Selectable Marker	No specific treatment.
	SureVector Puromycin Mamm Selectable Marker	No specific treatment.
	SureVector LacZ Mamm Control (N-term)	No specific treatment.
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 [®] Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector GFP Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector HA Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector c-Myc Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector HIS6 Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector SBP Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector Blasticidin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
	SureVector Hygromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
	SureVector Puromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
	SureVector LacZ Mamm Control (N-term)	No action shall be taken involving any personal risk or without suitable training.

Section 4. First aid measures

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

Unsuitable extinguishing media

: SureVector CMV Mamm Promoter	None known.
SureVector EF1 α Mamm Promoter	None known.
SureVector SV40 Mamm Promoter	None known.
SureVector FLAG [®] Mamm Expression Tag (N-term)	None known.
SureVector GFP Mamm Expression Tag (N-term)	None known.
SureVector HA Mamm Expression Tag (N-term)	None known.
SureVector c-Myc Mamm Expression Tag (N-term)	None known.
SureVector HIS6 Mamm Expression Tag (N-term)	None known.
SureVector SBP Mamm Expression Tag (N-term)	None known.
SureVector Blasticidin Mamm Selectable Marker	None known.
SureVector Hygromycin Mamm Selectable Marker	None known.
SureVector Puromycin Mamm Selectable Marker	None known.
SureVector LacZ Mamm Control (N-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 EF1α Mamm Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector SV40 Mamm Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector FLAG® Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector GFP Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector HA Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector c-Myc Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector HIS6 Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector SBP Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector Blasticidin Mamm Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector Hygromycin Mamm Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector Puromycin Mamm Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector LacZ Mamm Control (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products

: <input checked="" type="checkbox"/>	SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG® Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (N-term)	No specific data.

5.3 Advice for firefighters

Special protective actions for fire-fighters

: <input checked="" type="checkbox"/>	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 EF1α 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

Section 5. Fire-fighting measures

SureVector SV40 Mamm Promoter	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector FLAG® Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector GFP Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HA Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector c-Myc Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HIS6 Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector SBP Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector Blastidicin Mamm Selectable Marker	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector Hygromycin Mamm Selectable Marker	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector Puromycin Mamm Selectable Marker	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector LacZ Mamm Control (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
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 EF1α 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® Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus

Section 5. Fire-fighting measures

SureVector GFP Mamm Expression Tag (N-term)	(SCBA) with a full face-piece operated in positive pressure mode. 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 Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector c-Myc Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector HIS6 Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector SBP Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector Blastidicin 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 (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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

Section 6. Accidental release measures

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

Section 6. Accidental release measures

For emergency responders : SureVector CMV Mamm Promoter

SureVector EF1 α Mamm Promoter

SureVector SV40 Mamm Promoter

SureVector FLAG[®] Mamm
Expression Tag (N-term)

SureVector GFP Mamm
Expression Tag (N-term)

SureVector HA Mamm Expression
Tag (N-term)

SureVector c-Myc Mamm
Expression Tag (N-term)

SureVector HIS6 Mamm
Expression Tag (N-term)

SureVector SBP Mamm
Expression Tag (N-term)

SureVector Blasticidin Mamm
Selectable Marker

SureVector Hygromycin Mamm
Selectable Marker

SureVector Puromycin Mamm
Selectable Marker

SureVector LacZ Mamm Control
(N-term)

touch or walk through spilled material. Put on appropriate personal protective equipment.

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".

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".

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".

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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".

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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".

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".

Section 6. Accidental release measures

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 [®] Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Blasticidin 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 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,

Section 6. Accidental release measures

SureVector LacZ Mamm Control
(N-term)

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).

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 EF1α 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® Mamm Expression Tag (N-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 Mamm Expression Tag (N-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 Mamm Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector c-Myc Mamm Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector HIS6 Mamm Expression Tag (N-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 Mamm Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.

Section 6. Accidental release measures

SureVector Blasticidin Mamm Selectable Marker	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. 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 (N-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 [®] Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector GFP Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HA Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector c-Myc Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HIS6 Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector SBP Mamm Expression Tag (N-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 (N-term)	Put on appropriate personal protective equipment (see Section 8).

Section 7. Handling and storage

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 [®] Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector GFP Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector HA Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector c-Myc Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector HIS6 Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector SBP Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face

Section 7. Handling and storage

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

7.2 Conditions for safe storage, including any incompatibilities

: 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 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

Section 7. Handling and storage

SureVector FLAG® Mamm
Expression Tag (N-term)

opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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

SureVector GFP Mamm
Expression Tag (N-term)

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

SureVector HA Mamm Expression
Tag (N-term)

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

SureVector c-Myc Mamm
Expression Tag (N-term)

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

SureVector HIS6 Mamm
Expression Tag (N-term)

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

SureVector SBP Mamm
Expression Tag (N-term)

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed

Section 7. Handling and storage

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

7.3 Specific end use(s)

Recommendations

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

Section 7. Handling and storage

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

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

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

Section 8. Exposure controls/personal protection

- 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 [®] Mamm | Liquid. |
| Expression Tag (N-term) | |
| SureVector GFP Mamm | Liquid. |
| Expression Tag (N-term) | |
| SureVector HA Mamm Expression | Liquid. |
| Tag (N-term) | |
| SureVector c-Myc Mamm | Liquid. |
| Expression Tag (N-term) | |
| SureVector HIS6 Mamm | Liquid. |
| Expression Tag (N-term) | |
| SureVector SBP Mamm | Liquid. |
| Expression Tag (N-term) | |
| SureVector Blasticidin Mamm | Liquid. |
| Selectable Marker | |
| SureVector Hygromycin Mamm | Liquid. |
| Selectable Marker | |
| SureVector Puromycin Mamm | Liquid. |
| Selectable Marker | |
| SureVector LacZ Mamm Control | Liquid. |
| (N-term) | |

Section 9. Physical and chemical properties

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

Section 9. Physical and chemical properties

	SureVector SBP Mamm	Not available.
	Expression Tag (N-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.
	(N-term)	
pH	: SureVector CMV Mamm Promoter	8
	SureVector EF1 α Mamm Promoter	8
	SureVector SV40 Mamm Promoter	8
	SureVector FLAG [®] Mamm	8
	Expression Tag (N-term)	
	SureVector GFP Mamm	8
	Expression Tag (N-term)	
	SureVector HA Mamm Expression	8
	Tag (N-term)	
	SureVector c-Myc Mamm	8
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	8
	Expression Tag (N-term)	
	SureVector SBP Mamm	8
	Expression Tag (N-term)	
	SureVector Blasticidin Mamm	8
	Selectable Marker	
	SureVector Hygromycin Mamm	8
	Selectable Marker	
	SureVector Puromycin Mamm	8
	Selectable Marker	
	SureVector LacZ Mamm Control	8
	(N-term)	
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 [®] Mamm	0°C (32°F)
	Expression Tag (N-term)	
	SureVector GFP Mamm	0°C (32°F)
	Expression Tag (N-term)	
	SureVector HA Mamm Expression	0°C (32°F)
	Tag (N-term)	
	SureVector c-Myc Mamm	0°C (32°F)
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	0°C (32°F)
	Expression Tag (N-term)	
	SureVector SBP Mamm	0°C (32°F)
	Expression Tag (N-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)
	(N-term)	

Section 9. Physical and chemical properties

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® Mamm	100°C (212°F)
		Expression Tag (N-term)	
		SureVector GFP Mamm	100°C (212°F)
		Expression Tag (N-term)	
		SureVector HA Mamm Expression	100°C (212°F)
		Tag (N-term)	
		SureVector c-Myc Mamm	100°C (212°F)
		Expression Tag (N-term)	
		SureVector HIS6 Mamm	100°C (212°F)
		Expression Tag (N-term)	
		SureVector SBP Mamm	100°C (212°F)
		Expression Tag (N-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)	
	(N-term)		
Flash point	:	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1α Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG® Mamm	Not available.
		Expression Tag (N-term)	
		SureVector GFP Mamm	Not available.
		Expression Tag (N-term)	
		SureVector HA Mamm Expression	Not available.
		Tag (N-term)	
		SureVector c-Myc Mamm	Not available.
		Expression Tag (N-term)	
		SureVector HIS6 Mamm	Not available.
		Expression Tag (N-term)	
		SureVector SBP Mamm	Not available.
		Expression Tag (N-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.	
	(N-term)		
Evaporation rate	:	SureVector CMV Mamm Promoter	Not available.
		SureVector EF1α Mamm Promoter	Not available.
		SureVector SV40 Mamm Promoter	Not available.
		SureVector FLAG® Mamm	Not available.
		Expression Tag (N-term)	
		SureVector GFP Mamm	Not available.
		Expression Tag (N-term)	
		SureVector HA Mamm Expression	Not available.
		Tag (N-term)	
		SureVector c-Myc Mamm	Not available.
	Expression Tag (N-term)		
	SureVector HIS6 Mamm	Not available.	
	Expression Tag (N-term)		

Section 9. Physical and chemical properties

	SureVector SBP Mamm Expression Tag (N-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (N-term)	Not available.
Flammability (solid, gas)	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1 α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
	SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
	SureVector HA Mamm Expression Tag (N-term)	Not applicable.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
	SureVector SBP Mamm Expression Tag (N-term)	Not applicable.
	SureVector Blasticidin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (N-term)	Not applicable.
Lower and upper explosive (flammable) limits	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Not available.
	SureVector GFP Mamm Expression Tag (N-term)	Not available.
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
	SureVector SBP Mamm Expression Tag (N-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (N-term)	Not available.

Section 9. Physical and chemical properties

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

Section 9. Physical and chemical properties

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

Section 9. Physical and chemical properties

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

Section 9. Physical and chemical properties

SureVector SBP Mamm Expression Tag (N-term)	Not available.
SureVector Blasticidin Mamm Selectable Marker	Not available.
SureVector Hygromycin Mamm Selectable Marker	Not available.
SureVector Puromycin Mamm Selectable Marker	Not available.
SureVector LacZ Mamm Control (N-term)	Not available.

Section 10. Stability and reactivity

10.1 Reactivity	:	<ul style="list-style-type: none"> ☒ SureVector CMV Mamm Promoter SureVector EF1α Mamm Promoter SureVector SV40 Mamm Promoter SureVector FLAG[®] Mamm Expression Tag (N-term) SureVector GFP Mamm Expression Tag (N-term) SureVector HA Mamm Expression Tag (N-term) SureVector c-Myc Mamm Expression Tag (N-term) SureVector HIS6 Mamm Expression Tag (N-term) SureVector SBP Mamm Expression Tag (N-term) SureVector Blasticidin Mamm Selectable Marker SureVector Hygromycin Mamm Selectable Marker SureVector Puromycin Mamm Selectable Marker SureVector LacZ Mamm Control (N-term) 	<ul style="list-style-type: none"> No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
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10.2 Chemical stability	:	<ul style="list-style-type: none"> ☒ SureVector CMV Mamm Promoter SureVector EF1α Mamm Promoter SureVector SV40 Mamm Promoter SureVector FLAG[®] Mamm Expression Tag (N-term) SureVector GFP Mamm Expression Tag (N-term) SureVector HA Mamm Expression Tag (N-term) SureVector c-Myc Mamm Expression Tag (N-term) SureVector HIS6 Mamm Expression Tag (N-term) SureVector SBP Mamm Expression Tag (N-term) SureVector Blasticidin Mamm Selectable Marker SureVector Hygromycin Mamm Selectable Marker 	<ul style="list-style-type: none"> The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable.
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Section 10. Stability and reactivity

	SureVector Puromycin Mamm Selectable Marker	The product is stable.
	SureVector LacZ Mamm Control (N-term)	The product is stable.
10.3 Possibility of hazardous reactions	<ul style="list-style-type: none"> : SureVector CMV Mamm Promoter SureVector EF1α Mamm Promoter SureVector SV40 Mamm Promoter SureVector FLAG[®] Mamm Expression Tag (N-term) SureVector GFP Mamm Expression Tag (N-term) SureVector HA Mamm Expression Tag (N-term) SureVector c-Myc Mamm Expression Tag (N-term) SureVector HIS6 Mamm Expression Tag (N-term) SureVector SBP Mamm Expression Tag (N-term) SureVector Blasticidin Mamm Selectable Marker SureVector Hygromycin Mamm Selectable Marker SureVector Puromycin Mamm Selectable Marker SureVector LacZ Mamm Control (N-term) 	<ul style="list-style-type: none"> Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	<ul style="list-style-type: none"> : SureVector CMV Mamm Promoter SureVector EF1α Mamm Promoter SureVector SV40 Mamm Promoter SureVector FLAG[®] Mamm Expression Tag (N-term) SureVector GFP Mamm Expression Tag (N-term) SureVector HA Mamm Expression Tag (N-term) SureVector c-Myc Mamm Expression Tag (N-term) SureVector HIS6 Mamm Expression Tag (N-term) SureVector SBP Mamm Expression Tag (N-term) SureVector Blasticidin Mamm Selectable Marker SureVector Hygromycin Mamm Selectable Marker SureVector Puromycin Mamm Selectable Marker SureVector LacZ Mamm Control (N-term) 	<ul style="list-style-type: none"> No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.

Section 10. Stability and reactivity

10.5 Incompatible materials	: SureVector CMV Mamm Promoter	May react or be incompatible with oxidizing materials.
	SureVector EF1 α Mamm Promoter	May react or be incompatible with oxidizing materials.
	SureVector SV40 Mamm Promoter	May react or be incompatible with oxidizing materials.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	May react or be incompatible with oxidizing materials.
	SureVector GFP Mamm Expression Tag (N-term)	May react or be incompatible with oxidizing materials.
	SureVector HA Mamm Expression Tag (N-term)	May react or be incompatible with oxidizing materials.
	SureVector c-Myc Mamm Expression Tag (N-term)	May react or be incompatible with oxidizing materials.
	SureVector HIS6 Mamm Expression Tag (N-term)	May react or be incompatible with oxidizing materials.
	SureVector SBP Mamm Expression Tag (N-term)	May react or be incompatible with oxidizing materials.
	SureVector Blasticidin Mamm Selectable Marker	May react or be incompatible with oxidizing materials.
	SureVector Hygromycin Mamm Selectable Marker	May react or be incompatible with oxidizing materials.
	SureVector Puromycin Mamm Selectable Marker	May react or be incompatible with oxidizing materials.
	SureVector LacZ Mamm Control (N-term)	May react or be incompatible with oxidizing materials.
10.6 Hazardous decomposition products	: SureVector CMV Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector EF1 α Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector SV40 Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector GFP Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector HA Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector c-Myc Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector HIS6 Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector SBP Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector Blasticidin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector Hygromycin Mamm	Under normal conditions of storage and use,

Section 10. Stability and reactivity

Selectable Marker	hazardous decomposition products should not be produced.
SureVector Puromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector LacZ Mamm Control (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not available.

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.

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

Section 11. Toxicological information

Selectable Marker SureVector Hygromycin Mamm Selectable Marker	Not available.
SureVector Puromycin Mamm Selectable Marker	Not available.
SureVector LacZ Mamm Control (N-term)	Not available.

Potential acute health effects

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

Inhalation

☑ SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.

Section 11. Toxicological information

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

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 [®] Mamm Expression Tag (N-term)	No specific data.
		SureVector GFP Mamm Expression Tag (N-term)	No specific data.
		SureVector HA Mamm Expression Tag (N-term)	No specific data.
		SureVector c-Myc Mamm	No specific data.

Section 11. Toxicological information

	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector Blasticidin Mamm	No specific data.
	Selectable Marker	
	SureVector Hygromycin Mamm	No specific data.
	Selectable Marker	
	SureVector Puromycin Mamm	No specific data.
	Selectable Marker	
	SureVector LacZ Mamm Control	No specific data.
	(N-term)	
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 [®] Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HA Mamm Expression	No specific data.
	Tag (N-term)	
	SureVector c-Myc Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector Blasticidin Mamm	No specific data.
	Selectable Marker	
	SureVector Hygromycin Mamm	No specific data.
	Selectable Marker	
	SureVector Puromycin Mamm	No specific data.
	Selectable Marker	
	SureVector LacZ Mamm Control	No specific data.
	(N-term)	
Skin contact	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HA Mamm Expression	No specific data.
	Tag (N-term)	
	SureVector c-Myc Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector Blasticidin Mamm	No specific data.
	Selectable Marker	
	SureVector Hygromycin Mamm	No specific data.
	Selectable Marker	
	SureVector Puromycin Mamm	No specific data.
	Selectable Marker	
	SureVector LacZ Mamm Control	No specific data.
	(N-term)	

Section 11. Toxicological information

Ingestion	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HA Mamm Expression	No specific data.
	Tag (N-term)	
	SureVector c-Myc Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector Blasticidin Mamm	No specific data.
	Selectable Marker	
	SureVector Hygromycin Mamm	No specific data.
	Selectable Marker	
	SureVector Puromycin Mamm	No specific data.
	Selectable Marker	
	SureVector LacZ Mamm Control	No specific data.
	(N-term)	

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

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

Section 11. Toxicological information

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

Section 11. Toxicological information

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.

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

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.

Section 15. Regulatory information

[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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