

SAFETY DATA SHEET



SureVector Yeast C-terminal Expansion Kit, 15 rxn, Part Number G7517B

Section 1. Identification

1.1 Product identifier

Product name : SureVector Yeast C-terminal Expansion Kit, 15 rxn, Part Number G7517B

Part No. (Chemical Kit) : G7517B

Part No. :

SureVector GAL1 Yeast Promoter	5190-9327
SureVector CUP1 Yeast Promoter	5190-9328
SureVector ADH1 Yeast Promoter	5190-9329
SureVector FLAG Expression Tag (C-term)	5190-9324
SureVector GFP Expression Tag (C-term)	5190-9325
SureVector HA Expression Tag (C-Term)	5190-8614
SureVector c-Myc Expression Tag (C-term)	5190-8615
SureVector HIS6 Expression Tag (C-Term)	5190-8616
SureVector SBP Expression Tag (C-Term)	5190-8618
SureVector URA3 Yeast Selectable Marker	5190-9336
SureVector HIS3 Yeast Selectable Marker	5190-9337
SureVector Hygromycin Yeast Selectable Marker	5190-9338
SureVector LacZ Yeast Control (C-term)	5190-9351

Validation date : 4/21/2017

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

Material uses : Analytical reagent.

<input checked="" type="checkbox"/> SureVector GAL1 Yeast Promoter	0.03 ml (15 reactions)
SureVector CUP1 Yeast Promoter	0.03 ml (15 reactions)
SureVector ADH1 Yeast Promoter	0.03 ml (15 reactions)
SureVector FLAG® Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector GFP Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector HA Expression Tag (C-Term)	0.03 ml (15 reactions)
SureVector c-Myc Expression Tag (C-term)	0.03 ml (15 reactions)
SureVector HIS6 Expression Tag (C-Term)	0.03 ml (5 reactions)
SureVector SBP Expression Tag (C-Term)	0.03 ml (5 reactions)
SureVector URA3 Yeast Selectable Marker	0.03 ml (15 reactions)
SureVector HIS3 Yeast Selectable Marker	0.03 ml (15 reactions)
SureVector Hygromycin Yeast Selectable Marker	0.03 ml (15 reactions)
SureVector LacZ Yeast Control (C-term)	0.03 ml (15 reactions)

1.3 Details of the supplier of the safety data sheet

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

1.4 Emergency telephone number

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

Section 2. Hazards identification

2.1 Classification of the substance or mixture

OSHA/HCS status	: SureVector GAL1 Yeast 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 CUP1 Yeast 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 ADH1 Yeast Promoter	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector FLAG® Expression Tag (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector GFP Expression Tag (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector HA Expression Tag (C-Term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector c-Myc Expression Tag (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector HIS6 Expression Tag (C-Term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector SBP Expression Tag (C-Term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector URA3 Yeast Selectable Marker	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to

Section 2. Hazards identification

	the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureVector HIS3 Yeast 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 Yeast 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 Yeast Control (C-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

Not classified.

2.2 GHS label elements

Signal word

☑ SureVector GAL1 Yeast Promoter	No signal word.
SureVector CUP1 Yeast Promoter	No signal word.
SureVector ADH1 Yeast Promoter	No signal word.
SureVector FLAG® Expression Tag (C-term)	No signal word.
SureVector GFP Expression Tag (C-term)	No signal word.
SureVector HA Expression Tag (C-Term)	No signal word.
SureVector c-Myc Expression Tag (C-term)	No signal word.
SureVector HIS6 Expression Tag (C-Term)	No signal word.
SureVector SBP Expression Tag (C-Term)	No signal word.
SureVector URA3 Yeast Selectable Marker	No signal word.
SureVector HIS3 Yeast Selectable Marker	No signal word.
SureVector Hygromycin Yeast Selectable Marker	No signal word.
SureVector LacZ Yeast Control (C-term)	No signal word.

Hazard statements

☑ SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HA Expression Tag (C-	No known significant effects or critical hazards.

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Term)	
SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.

Precautionary statements

Prevention

: <input checked="" type="checkbox"/>	SureVector GAL1 Yeast Promoter	Not applicable.
	SureVector CUP1 Yeast Promoter	Not applicable.
	SureVector ADH1 Yeast Promoter	Not applicable.
	SureVector FLAG® Expression Tag (C-term)	Not applicable.
	SureVector GFP Expression Tag (C-term)	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.
	SureVector c-Myc Expression Tag (C-term)	Not applicable.
	SureVector HIS6 Expression Tag (C-Term)	Not applicable.
	SureVector SBP Expression Tag (C-Term)	Not applicable.
	SureVector URA3 Yeast Selectable Marker	Not applicable.
	SureVector HIS3 Yeast Selectable Marker	Not applicable.
	SureVector Hygromycin Yeast Selectable Marker	Not applicable.
	SureVector LacZ Yeast Control (C-term)	Not applicable.

Response

: <input checked="" type="checkbox"/>	SureVector GAL1 Yeast Promoter	Not applicable.
	SureVector CUP1 Yeast Promoter	Not applicable.
	SureVector ADH1 Yeast Promoter	Not applicable.
	SureVector FLAG® Expression Tag (C-term)	Not applicable.
	SureVector GFP Expression Tag (C-term)	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.
	SureVector c-Myc Expression Tag (C-term)	Not applicable.
	SureVector HIS6 Expression Tag (C-Term)	Not applicable.
	SureVector SBP Expression Tag (C-Term)	Not applicable.
	SureVector URA3 Yeast Selectable Marker	Not applicable.
	SureVector HIS3 Yeast Selectable Marker	Not applicable.

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	SureVector Hygromycin Yeast Selectable Marker	Not applicable.
	SureVector LacZ Yeast Control (C-term)	Not applicable.
Storage	: <input checked="" type="checkbox"/> SureVector GAL1 Yeast Promoter	Not applicable.
	SureVector CUP1 Yeast Promoter	Not applicable.
	SureVector ADH1 Yeast Promoter	Not applicable.
	SureVector FLAG® Expression Tag (C-term)	Not applicable.
	SureVector GFP Expression Tag (C-term)	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.
	SureVector c-Myc Expression Tag (C-term)	Not applicable.
	SureVector HIS6 Expression Tag (C-Term)	Not applicable.
	SureVector SBP Expression Tag (C-Term)	Not applicable.
	SureVector URA3 Yeast Selectable Marker	Not applicable.
	SureVector HIS3 Yeast Selectable Marker	Not applicable.
	SureVector Hygromycin Yeast Selectable Marker	Not applicable.
	SureVector LacZ Yeast Control (C-term)	Not applicable.
Disposal	: <input checked="" type="checkbox"/> SureVector GAL1 Yeast Promoter	Not applicable.
	SureVector CUP1 Yeast Promoter	Not applicable.
	SureVector ADH1 Yeast Promoter	Not applicable.
	SureVector FLAG® Expression Tag (C-term)	Not applicable.
	SureVector GFP Expression Tag (C-term)	Not applicable.
	SureVector HA Expression Tag (C-Term)	Not applicable.
	SureVector c-Myc Expression Tag (C-term)	Not applicable.
	SureVector HIS6 Expression Tag (C-Term)	Not applicable.
	SureVector SBP Expression Tag (C-Term)	Not applicable.
	SureVector URA3 Yeast Selectable Marker	Not applicable.
	SureVector HIS3 Yeast Selectable Marker	Not applicable.
	SureVector Hygromycin Yeast Selectable Marker	Not applicable.
	SureVector LacZ Yeast Control (C-term)	Not applicable.
Supplemental label elements	: <input checked="" type="checkbox"/> SureVector GAL1 Yeast Promoter	None known.
	SureVector CUP1 Yeast Promoter	None known.
	SureVector ADH1 Yeast Promoter	None known.
	SureVector FLAG® Expression Tag (C-term)	None known.
	SureVector GFP Expression Tag (C-term)	None known.
	SureVector HA Expression Tag (C-	None known.

Section 2. Hazards identification

Term)
 SureVector c-Myc Expression Tag (C-term) None known.
 SureVector HIS6 Expression Tag (C-Term) None known.
 SureVector SBP Expression Tag (C-Term) None known.
 SureVector URA3 Yeast Selectable Marker None known.
 SureVector HIS3 Yeast Selectable Marker None known.
 SureVector Hygromycin Yeast Selectable Marker None known.
 SureVector LacZ Yeast Control (C-term) None known.

2.3 Other hazards

Hazards not otherwise classified

: SureVector GAL1 Yeast Promoter None known.
 SureVector CUP1 Yeast Promoter None known.
 SureVector ADH1 Yeast Promoter None known.
 SureVector FLAG® Expression Tag (C-term) None known.
 SureVector GFP Expression Tag (C-term) None known.
 SureVector HA Expression Tag (C-Term) None known.
 SureVector c-Myc Expression Tag (C-term) None known.
 SureVector HIS6 Expression Tag (C-Term) None known.
 SureVector SBP Expression Tag (C-Term) None known.
 SureVector URA3 Yeast Selectable Marker None known.
 SureVector HIS3 Yeast Selectable Marker None known.
 SureVector Hygromycin Yeast Selectable Marker None known.
 SureVector LacZ Yeast Control (C-term) None known.

Section 3. Composition/information on ingredients

Substance/mixture : SureVector GAL1 Yeast Promoter Mixture
 SureVector CUP1 Yeast Promoter Mixture
 SureVector ADH1 Yeast Promoter Mixture
 SureVector FLAG® Expression Tag (C-term) Mixture
 SureVector GFP Expression Tag (C-term) Mixture
 SureVector HA Expression Tag (C-Term) Mixture
 SureVector c-Myc Expression Tag (C-term) Mixture
 SureVector HIS6 Expression Tag (C-Term) Mixture
 SureVector SBP Expression Tag (C-Term) Mixture
 SureVector URA3 Yeast Selectable Marker Mixture

Section 3. Composition/information on ingredients

SureVector HIS3 Yeast Selectable Marker	Mixture
SureVector Hygromycin Yeast Selectable Marker	Mixture
SureVector LacZ Yeast Control (C-term)	Mixture

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

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

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

Section 4. First aid measures

4.1 Description of necessary first aid measures

Eye contact

SureVector GAL1 Yeast 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 CUP1 Yeast 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 ADH1 Yeast Promoter	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector FLAG® Expression Tag (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector GFP Expression Tag (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector HA Expression Tag (C-Term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector c-Myc Expression Tag (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector HIS6 Expression Tag (C-Term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector SBP Expression Tag (C-Term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector URA3 Yeast 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 HIS3 Yeast Selectable Marker	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

Section 4. First aid measures

Inhalation

SureVector Hygromycin Yeast Selectable Marker	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureVector LacZ Yeast Control (C-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
: SureVector GAL1 Yeast Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector CUP1 Yeast Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector ADH1 Yeast Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector FLAG® Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector GFP Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector HA Expression Tag (C-Term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector c-Myc Expression Tag (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector HIS6 Expression Tag (C-Term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector SBP Expression Tag (C-Term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector URA3 Yeast Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureVector HIS3 Yeast 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 Yeast 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 Yeast Control (C-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact

: SureVector GAL1 Yeast Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector CUP1 Yeast Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector ADH1 Yeast Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector FLAG® Expression Tag (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

Section 4. First aid measures

SureVector GFP Expression Tag (C-term)	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector HA Expression Tag (C-Term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector c-Myc Expression Tag (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector HIS6 Expression Tag (C-Term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector SBP Expression Tag (C-Term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector URA3 Yeast Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector HIS3 Yeast Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector Hygromycin Yeast Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureVector LacZ Yeast Control (C-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion : SureVector GAL1 Yeast 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 CUP1 Yeast 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 ADH1 Yeast Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector FLAG® Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector GFP Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and

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SureVector HA Expression Tag (C-Term)	the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector c-Myc Expression Tag (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector HIS6 Expression Tag (C-Term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector SBP Expression Tag (C-Term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector URA3 Yeast Selectable Marker	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector HIS3 Yeast Selectable Marker	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector Hygromycin Yeast Selectable Marker	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureVector LacZ Yeast Control (C-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get

Section 4. First aid measures

medical attention if symptoms occur.

4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	:	☑ SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
		SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
		SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
		SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
		SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
		SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
		SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
		SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
		SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
		SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.
	Inhalation	:	☑ SureVector GAL1 Yeast Promoter
		SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
		SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
		SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
		SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
		SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
		SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
		SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
		SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
		SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.
Skin contact		:	☑ SureVector GAL1 Yeast Promoter
		SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
		SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
		SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
		SureVector HA Expression Tag (C-	No known significant effects or critical hazards.

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	Term)	
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.
Ingestion	: SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: SureVector GAL1 Yeast Promoter	No specific data.
	SureVector CUP1 Yeast Promoter	No specific data.
	SureVector ADH1 Yeast Promoter	No specific data.
	SureVector FLAG® Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-Term)	No specific data.
	SureVector SBP Expression Tag (C-Term)	No specific data.
	SureVector URA3 Yeast Selectable Marker	No specific data.
	SureVector HIS3 Yeast Selectable Marker	No specific data.
	SureVector Hygromycin Yeast	No specific data.

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	Selectable Marker	
	SureVector LacZ Yeast Control (C-term)	No specific data.
Inhalation	: SureVector GAL1 Yeast Promoter	No specific data.
	SureVector CUP1 Yeast Promoter	No specific data.
	SureVector ADH1 Yeast Promoter	No specific data.
	SureVector FLAG® Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-Term)	No specific data.
	SureVector SBP Expression Tag (C-Term)	No specific data.
	SureVector URA3 Yeast Selectable Marker	No specific data.
	SureVector HIS3 Yeast Selectable Marker	No specific data.
	SureVector Hygromycin Yeast Selectable Marker	No specific data.
	SureVector LacZ Yeast Control (C-term)	No specific data.
Skin contact	: SureVector GAL1 Yeast Promoter	No specific data.
	SureVector CUP1 Yeast Promoter	No specific data.
	SureVector ADH1 Yeast Promoter	No specific data.
	SureVector FLAG® Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-Term)	No specific data.
	SureVector SBP Expression Tag (C-Term)	No specific data.
	SureVector URA3 Yeast Selectable Marker	No specific data.
	SureVector HIS3 Yeast Selectable Marker	No specific data.
	SureVector Hygromycin Yeast Selectable Marker	No specific data.
	SureVector LacZ Yeast Control (C-term)	No specific data.
Ingestion	: SureVector GAL1 Yeast Promoter	No specific data.
	SureVector CUP1 Yeast Promoter	No specific data.
	SureVector ADH1 Yeast Promoter	No specific data.
	SureVector FLAG® Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag	No specific data.

Section 4. First aid measures

(C-term) SureVector HIS6 Expression Tag	No specific data.
(C-Term) SureVector SBP Expression Tag	No specific data.
(C-Term) SureVector URA3 Yeast Selectable Marker	No specific data.
SureVector HIS3 Yeast Selectable Marker	No specific data.
SureVector Hygromycin Yeast Selectable Marker	No specific data.
SureVector LacZ Yeast Control (C- term)	No specific data.

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

Notes to physician

☑ SureVector GAL1 Yeast Promoter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector CUP1 Yeast Promoter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector ADH1 Yeast Promoter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector FLAG® Expression Tag (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector GFP Expression Tag (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector HA Expression Tag (C- Term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector c-Myc Expression Tag (C-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector HIS6 Expression Tag (C-Term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector SBP Expression Tag (C-Term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector URA3 Yeast Selectable Marker	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector HIS3 Yeast Selectable Marker	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector Hygromycin Yeast Selectable Marker	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureVector LacZ Yeast Control (C- term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 4. First aid measures


Specific treatments	: SureVector GAL1 Yeast Promoter SureVector CUP1 Yeast Promoter SureVector ADH1 Yeast Promoter SureVector FLAG® Expression Tag (C-term) SureVector GFP Expression Tag (C-term) SureVector HA Expression Tag (C-Term) SureVector c-Myc Expression Tag (C-term) SureVector HIS6 Expression Tag (C-Term) SureVector SBP Expression Tag (C-Term) SureVector URA3 Yeast Selectable Marker SureVector HIS3 Yeast Selectable Marker SureVector Hygromycin Yeast Selectable Marker SureVector LacZ Yeast Control (C-term)	No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment.
Protection of first-aiders	: SureVector GAL1 Yeast Promoter SureVector CUP1 Yeast Promoter SureVector ADH1 Yeast Promoter SureVector FLAG® Expression Tag (C-term) SureVector GFP Expression Tag (C-term) SureVector HA Expression Tag (C-Term) SureVector c-Myc Expression Tag (C-term) SureVector HIS6 Expression Tag (C-Term) SureVector SBP Expression Tag (C-Term) SureVector URA3 Yeast Selectable Marker SureVector HIS3 Yeast Selectable Marker SureVector Hygromycin Yeast Selectable Marker SureVector LacZ Yeast Control (C-term)	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)


Section 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

: 	SureVector GAL1 Yeast Promoter	Use an extinguishing agent suitable for the surrounding fire.
	SureVector CUP1 Yeast Promoter	Use an extinguishing agent suitable for the surrounding fire.
	SureVector ADH1 Yeast Promoter	Use an extinguishing agent suitable for the surrounding fire.
	SureVector FLAG® Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector GFP Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector HA Expression Tag (C-Term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector c-Myc Expression Tag (C-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector HIS6 Expression Tag (C-Term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector SBP Expression Tag (C-Term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector URA3 Yeast Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.
	SureVector HIS3 Yeast Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.
	SureVector Hygromycin Yeast Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.
	SureVector LacZ Yeast Control (C-term)	Use an extinguishing agent suitable for the surrounding fire.


Unsuitable extinguishing media

: 	SureVector GAL1 Yeast Promoter	None known.
	SureVector CUP1 Yeast Promoter	None known.
	SureVector ADH1 Yeast Promoter	None known.
	SureVector FLAG® Expression Tag (C-term)	None known.
	SureVector GFP Expression Tag (C-term)	None known.
	SureVector HA Expression Tag (C-Term)	None known.
	SureVector c-Myc Expression Tag (C-term)	None known.
	SureVector HIS6 Expression Tag (C-Term)	None known.
	SureVector SBP Expression Tag (C-Term)	None known.
	SureVector URA3 Yeast Selectable Marker	None known.
	SureVector HIS3 Yeast Selectable Marker	None known.
	SureVector Hygromycin Yeast Selectable Marker	None known.
	SureVector LacZ Yeast Control (C-term)	None known.


5.2 Special hazards arising from the substance or mixture

Section 5. Fire-fighting measures

Specific hazards arising from the chemical

: 	SureVector GAL1 Yeast Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector CUP1 Yeast Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector ADH1 Yeast Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector FLAG® Expression Tag (C-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector GFP Expression Tag (C-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector HA Expression Tag (C-Term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector c-Myc Expression Tag (C-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector HIS6 Expression Tag (C-Term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector SBP Expression Tag (C-Term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector URA3 Yeast Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector HIS3 Yeast Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector Hygromycin Yeast Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector LacZ Yeast Control (C-term)	In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products

: 	SureVector GAL1 Yeast Promoter	No specific data.
	SureVector CUP1 Yeast Promoter	No specific data.
	SureVector ADH1 Yeast Promoter	No specific data.
	SureVector FLAG® Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-Term)	No specific data.
	SureVector SBP Expression Tag (C-Term)	No specific data.
	SureVector URA3 Yeast Selectable Marker	No specific data.
	SureVector HIS3 Yeast Selectable Marker	No specific data.
	SureVector Hygromycin Yeast Selectable Marker	No specific data.
	SureVector LacZ Yeast Control (C-term)	No specific data.

5.3 Advice for firefighters

Section 5. Fire-fighting measures

Special protective actions for fire-fighters

SureVector GAL1 Yeast 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 CUP1 Yeast 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 ADH1 Yeast Promoter	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector FLAG® Expression Tag (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector GFP Expression Tag (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HA Expression Tag (C-Term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector c-Myc Expression Tag (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HIS6 Expression Tag (C-Term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector SBP Expression Tag (C-Term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector URA3 Yeast 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 HIS3 Yeast 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 Yeast 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 Yeast Control (C-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-fighting measures

Special protective equipment for fire-fighters

: SureVector GAL1 Yeast 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 CUP1 Yeast 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 ADH1 Yeast Promoter	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector FLAG® Expression Tag (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector GFP Expression Tag (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector HA Expression Tag (C-Term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector c-Myc Expression Tag (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector HIS6 Expression Tag (C-Term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector SBP Expression Tag (C-Term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureVector URA3 Yeast 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 HIS3 Yeast 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 Yeast 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 Yeast Control (C-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: SureVector GAL1 Yeast 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 CUP1 Yeast 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 ADH1 Yeast Promoter	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector FLAG® Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector GFP Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector HA Expression Tag (C-Term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector c-Myc Expression Tag (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector HIS6 Expression Tag (C-Term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector SBP Expression Tag (C-Term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector URA3 Yeast Selectable Marker	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and

Section 6. Accidental release measures

SureVector HIS3 Yeast Selectable Marker	unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector Hygromycin Yeast 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 Yeast Control (C-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders : SureVector GAL1 Yeast Promoter	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector CUP1 Yeast Promoter	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector ADH1 Yeast Promoter	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector FLAG® Expression Tag (C-term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector GFP Expression Tag (C-term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector HA Expression Tag (C-Term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector c-Myc Expression Tag (C-term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector HIS6 Expression Tag (C-Term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector SBP Expression Tag (C-Term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector URA3 Yeast Selectable Marker	If specialized clothing is required to deal with the spillage, take note of any information in Section 8

Section 6. Accidental release measures

	SureVector HIS3 Yeast Selectable Marker	on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureVector Hygromycin Yeast Selectable Marker	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureVector LacZ Yeast Control (C-term)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: SureVector GAL1 Yeast 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 CUP1 Yeast 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 ADH1 Yeast Promoter	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector FLAG® Expression Tag (C-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector GFP Expression Tag (C-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector HA Expression Tag (C-Term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector c-Myc Expression Tag (C-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector HIS6 Expression Tag (C-Term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureVector SBP Expression Tag (C-Term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has

Section 6. Accidental release measures

SureVector URA3 Yeast Selectable Marker	caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector HIS3 Yeast 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 Yeast Selectable Marker	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector LacZ Yeast Control (C-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	: SureVector GAL1 Yeast 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 CUP1 Yeast 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 ADH1 Yeast Promoter	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector FLAG® Expression Tag (C-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector GFP Expression Tag (C-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector HA Expression Tag (C-Term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container.

Section 6. Accidental release measures

SureVector c-Myc Expression Tag (C-term)	disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector HIS6 Expression Tag (C-Term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector SBP Expression Tag (C-Term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector URA3 Yeast 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 HIS3 Yeast Selectable Marker	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector Hygromycin Yeast 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 Yeast Control (C-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures	: SureVector GAL1 Yeast Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector CUP1 Yeast Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector ADH1 Yeast Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector FLAG® Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector GFP Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HA Expression Tag (C-	Put on appropriate personal protective equipment

Section 7. Handling and storage

Advice on general occupational hygiene

Term)	(see Section 8).
SureVector c-Myc Expression Tag (C-term)	Put on appropriate personal protective equipment (see Section 8).
SureVector HIS6 Expression Tag (C-Term)	Put on appropriate personal protective equipment (see Section 8).
SureVector SBP Expression Tag (C-Term)	Put on appropriate personal protective equipment (see Section 8).
SureVector URA3 Yeast Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
SureVector HIS3 Yeast Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
SureVector Hygromycin Yeast Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
SureVector LacZ Yeast Control (C-term)	Put on appropriate personal protective equipment (see Section 8).
: SureVector GAL1 Yeast 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 CUP1 Yeast 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 ADH1 Yeast Promoter	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector FLAG® Expression Tag (C-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector GFP Expression Tag (C-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector HA Expression Tag (C-Term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector c-Myc Expression Tag (C-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and

Section 7. Handling and storage

SureVector HIS6 Expression Tag (C-Term)	processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector SBP Expression Tag (C-Term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector URA3 Yeast 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 HIS3 Yeast Selectable Marker	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector Hygromycin Yeast 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 Yeast Control (C-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

: SureVector GAL1 Yeast 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 CUP1 Yeast Promoter	Store in accordance with local regulations. Store in

Section 7. Handling and storage

	original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector ADH1 Yeast Promoter	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector FLAG® Expression Tag (C-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector GFP Expression Tag (C-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector HA Expression Tag (C-Term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector c-Myc Expression Tag (C-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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SureVector HIS6 Expression Tag (C-Term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector SBP Expression Tag (C-Term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector URA3 Yeast 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 HIS3 Yeast Selectable Marker	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
SureVector Hygromycin Yeast 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 Yeast Control (C-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid

Section 7. Handling and storage

environmental contamination.

7.3 Specific end use(s)

Recommendations

- : SureVector GAL1 Yeast Promoter Industrial applications, Professional applications.
- SureVector CUP1 Yeast Promoter Industrial applications, Professional applications.
- SureVector ADH1 Yeast Promoter Industrial applications, Professional applications.
- SureVector FLAG® Expression Tag (C-term) Industrial applications, Professional applications.
- SureVector GFP Expression Tag (C-term) Industrial applications, Professional applications.
- SureVector HA Expression Tag (C-Term) Industrial applications, Professional applications.
- SureVector c-Myc Expression Tag (C-term) Industrial applications, Professional applications.
- SureVector HIS6 Expression Tag (C-Term) Industrial applications, Professional applications.
- SureVector SBP Expression Tag (C-Term) Industrial applications, Professional applications.
- SureVector URA3 Yeast Selectable Marker Industrial applications, Professional applications.
- SureVector HIS3 Yeast Selectable Marker Industrial applications, Professional applications.
- SureVector Hygromycin Yeast Selectable Marker Industrial applications, Professional applications.
- SureVector LacZ Yeast Control (C-term) Industrial applications, Professional applications.

Industrial sector specific solutions

- : SureVector GAL1 Yeast Promoter Not applicable.
- SureVector CUP1 Yeast Promoter Not applicable.
- SureVector ADH1 Yeast Promoter Not applicable.
- SureVector FLAG® Expression Tag (C-term) Not applicable.
- SureVector GFP Expression Tag (C-term) Not applicable.
- SureVector HA Expression Tag (C-Term) Not applicable.
- SureVector c-Myc Expression Tag (C-term) Not applicable.
- SureVector HIS6 Expression Tag (C-Term) Not applicable.
- SureVector SBP Expression Tag (C-Term) Not applicable.
- SureVector URA3 Yeast Selectable Marker Not applicable.
- SureVector HIS3 Yeast Selectable Marker Not applicable.
- SureVector Hygromycin Yeast Selectable Marker Not applicable.
- SureVector LacZ Yeast Control (C-term) Not applicable.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
None.	

8.2 Exposure controls

Appropriate engineering controls

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

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

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

Eye/face protection

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

Skin protection

Hand protection

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

Body protection

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

Other skin protection

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

Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

: SureVector GAL1 Yeast Promoter Liquid.
 SureVector CUP1 Yeast Promoter Liquid.
 SureVector ADH1 Yeast Promoter Liquid.
 SureVector FLAG® Expression Tag (C-term) Liquid.
 SureVector GFP Expression Tag (C-term) Liquid.
 SureVector HA Expression Tag (C-Term) Liquid.
 SureVector c-Myc Expression Tag Liquid.

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	(C-term)	SureVector HIS6 Expression Tag	Liquid.
	(C-Term)	SureVector SBP Expression Tag	Liquid.
	(C-Term)	SureVector URA3 Yeast Selectable Marker	Liquid.
		SureVector HIS3 Yeast Selectable Marker	Liquid.
		SureVector Hygromycin Yeast Selectable Marker	Liquid.
		SureVector LacZ Yeast Control (C-term)	Liquid.
Color	:	SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-Term)	Not available.
		SureVector SBP Expression Tag (C-Term)	Not available.
		SureVector URA3 Yeast Selectable Marker	Not available.
		SureVector HIS3 Yeast Selectable Marker	Not available.
		SureVector Hygromycin Yeast Selectable Marker	Not available.
		SureVector LacZ Yeast Control (C-term)	Not available.
Odor	:	SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-Term)	Not available.
		SureVector SBP Expression Tag (C-Term)	Not available.
		SureVector URA3 Yeast Selectable Marker	Not available.
		SureVector HIS3 Yeast Selectable Marker	Not available.
		SureVector Hygromycin Yeast Selectable Marker	Not available.
		SureVector LacZ Yeast Control (C-term)	Not available.

Section 9. Physical and chemical properties

Odor threshold : SureVector GAL1 Yeast Promoter Not available.
 SureVector CUP1 Yeast Promoter Not available.
 SureVector ADH1 Yeast Promoter Not available.
 SureVector FLAG® Expression Tag (C-term) Not available.
 SureVector GFP Expression Tag (C-term) Not available.
 SureVector HA Expression Tag (C-Term) Not available.
 SureVector c-Myc Expression Tag (C-term) Not available.
 SureVector HIS6 Expression Tag (C-Term) Not available.
 SureVector SBP Expression Tag (C-Term) Not available.
 SureVector URA3 Yeast Selectable Marker Not available.
 SureVector HIS3 Yeast Selectable Marker Not available.
 SureVector Hygromycin Yeast Selectable Marker Not available.
 SureVector LacZ Yeast Control (C-term) Not available.

pH : SureVector GAL1 Yeast Promoter 8
 SureVector CUP1 Yeast Promoter 8
 SureVector ADH1 Yeast Promoter 8
 SureVector FLAG® Expression Tag (C-term) 8
 SureVector GFP Expression Tag (C-term) 8
 SureVector HA Expression Tag (C-Term) 8
 SureVector c-Myc Expression Tag (C-term) 8
 SureVector HIS6 Expression Tag (C-Term) 8
 SureVector SBP Expression Tag (C-Term) 8
 SureVector URA3 Yeast Selectable Marker 8
 SureVector HIS3 Yeast Selectable Marker 8
 SureVector Hygromycin Yeast Selectable Marker 8
 SureVector LacZ Yeast Control (C-term) 8

Melting point : SureVector GAL1 Yeast Promoter 0°C (32°F)
 SureVector CUP1 Yeast Promoter 0°C (32°F)
 SureVector ADH1 Yeast Promoter 0°C (32°F)
 SureVector FLAG® Expression Tag (C-term) 0°C (32°F)
 SureVector GFP Expression Tag (C-term) 0°C (32°F)
 SureVector HA Expression Tag (C-Term) 0°C (32°F)
 SureVector c-Myc Expression Tag (C-term) 0°C (32°F)
 SureVector HIS6 Expression Tag 0°C (32°F)

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	(C-Term)	
	SureVector SBP Expression Tag	0°C (32°F)
	(C-Term)	
	SureVector URA3 Yeast	0°C (32°F)
	Selectable Marker	
	SureVector HIS3 Yeast Selectable	0°C (32°F)
	Marker	
	SureVector Hygromycin Yeast	0°C (32°F)
	Selectable Marker	
	SureVector LacZ Yeast Control (C-	0°C (32°F)
	term)	
Boiling point	: SureVector GAL1 Yeast Promoter	100°C (212°F)
	SureVector CUP1 Yeast Promoter	100°C (212°F)
	SureVector ADH1 Yeast Promoter	100°C (212°F)
	SureVector FLAG® Expression	100°C (212°F)
	Tag (C-term)	
	SureVector GFP Expression Tag	100°C (212°F)
	(C-term)	
	SureVector HA Expression Tag (C-	100°C (212°F)
	Term)	
	SureVector c-Myc Expression Tag	100°C (212°F)
	(C-term)	
	SureVector HIS6 Expression Tag	100°C (212°F)
	(C-Term)	
	SureVector SBP Expression Tag	100°C (212°F)
	(C-Term)	
	SureVector URA3 Yeast	100°C (212°F)
	Selectable Marker	
	SureVector HIS3 Yeast Selectable	100°C (212°F)
	Marker	
	SureVector Hygromycin Yeast	100°C (212°F)
	Selectable Marker	
	SureVector LacZ Yeast Control (C-	100°C (212°F)
	term)	
Flash point	: SureVector GAL1 Yeast Promoter	Not available.
	SureVector CUP1 Yeast Promoter	Not available.
	SureVector ADH1 Yeast Promoter	Not available.
	SureVector FLAG® Expression	Not available.
	Tag (C-term)	
	SureVector GFP Expression Tag	Not available.
	(C-term)	
	SureVector HA Expression Tag (C-	Not available.
	Term)	
	SureVector c-Myc Expression Tag	Not available.
	(C-term)	
	SureVector HIS6 Expression Tag	Not available.
	(C-Term)	
	SureVector SBP Expression Tag	Not available.
	(C-Term)	
	SureVector URA3 Yeast	Not available.
	Selectable Marker	
	SureVector HIS3 Yeast Selectable	Not available.
	Marker	
	SureVector Hygromycin Yeast	Not available.
	Selectable Marker	
	SureVector LacZ Yeast Control (C-	Not available.
	term)	

Section 9. Physical and chemical properties

Evaporation rate	: <input checked="" type="checkbox"/>	SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-Term)	Not available.
		SureVector SBP Expression Tag (C-Term)	Not available.
		SureVector URA3 Yeast Selectable Marker	Not available.
		SureVector HIS3 Yeast Selectable Marker	Not available.
		SureVector Hygromycin Yeast Selectable Marker	Not available.
		SureVector LacZ Yeast Control (C-term)	Not available.
Flammability (solid, gas)	: <input checked="" type="checkbox"/>	SureVector GAL1 Yeast Promoter	Not applicable.
		SureVector CUP1 Yeast Promoter	Not applicable.
		SureVector ADH1 Yeast Promoter	Not applicable.
		SureVector FLAG® Expression Tag (C-term)	Not applicable.
		SureVector GFP Expression Tag (C-term)	Not applicable.
		SureVector HA Expression Tag (C-Term)	Not applicable.
		SureVector c-Myc Expression Tag (C-term)	Not applicable.
		SureVector HIS6 Expression Tag (C-Term)	Not applicable.
		SureVector SBP Expression Tag (C-Term)	Not applicable.
		SureVector URA3 Yeast Selectable Marker	Not applicable.
		SureVector HIS3 Yeast Selectable Marker	Not applicable.
		SureVector Hygromycin Yeast Selectable Marker	Not applicable.
		SureVector LacZ Yeast Control (C-term)	Not applicable.
Lower and upper explosive (flammable) limits	: <input checked="" type="checkbox"/>	SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-Term)	Not available.

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	SureVector SBP Expression Tag (C-Term)	Not available.
	SureVector URA3 Yeast Selectable Marker	Not available.
	SureVector HIS3 Yeast Selectable Marker	Not available.
	SureVector Hygromycin Yeast Selectable Marker	Not available.
	SureVector LacZ Yeast Control (C-term)	Not available.
Vapor pressure	: SureVector GAL1 Yeast Promoter	Not available.
	SureVector CUP1 Yeast Promoter	Not available.
	SureVector ADH1 Yeast Promoter	Not available.
	SureVector FLAG® Expression Tag (C-term)	Not available.
	SureVector GFP Expression Tag (C-term)	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-Term)	Not available.
	SureVector URA3 Yeast Selectable Marker	Not available.
	SureVector HIS3 Yeast Selectable Marker	Not available.
	SureVector Hygromycin Yeast Selectable Marker	Not available.
	SureVector LacZ Yeast Control (C-term)	Not available.
Vapor density	: SureVector GAL1 Yeast Promoter	Not available.
	SureVector CUP1 Yeast Promoter	Not available.
	SureVector ADH1 Yeast Promoter	Not available.
	SureVector FLAG® Expression Tag (C-term)	Not available.
	SureVector GFP Expression Tag (C-term)	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-Term)	Not available.
	SureVector URA3 Yeast Selectable Marker	Not available.
	SureVector HIS3 Yeast Selectable Marker	Not available.
	SureVector Hygromycin Yeast Selectable Marker	Not available.
	SureVector LacZ Yeast Control (C-term)	Not available.

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Relative density	: SureVector GAL1 Yeast Promoter	Not available.
	SureVector CUP1 Yeast Promoter	Not available.
	SureVector ADH1 Yeast Promoter	Not available.
	SureVector FLAG® Expression Tag (C-term)	Not available.
	SureVector GFP Expression Tag (C-term)	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-Term)	Not available.
	SureVector URA3 Yeast Selectable Marker	Not available.
	SureVector HIS3 Yeast Selectable Marker	Not available.
	SureVector Hygromycin Yeast Selectable Marker	Not available.
	SureVector LacZ Yeast Control (C-term)	Not available.
Solubility	: SureVector GAL1 Yeast Promoter	Easily soluble in the following materials: cold water and hot water.
	SureVector CUP1 Yeast Promoter	Easily soluble in the following materials: cold water and hot water.
	SureVector ADH1 Yeast Promoter	Easily soluble in the following materials: cold water and hot water.
	SureVector FLAG® Expression Tag (C-term)	Easily soluble in the following materials: cold water and hot water.
	SureVector GFP Expression Tag (C-term)	Easily soluble in the following materials: cold water and hot water.
	SureVector HA Expression Tag (C-Term)	Easily soluble in the following materials: cold water and hot water.
	SureVector c-Myc Expression Tag (C-term)	Easily soluble in the following materials: cold water and hot water.
	SureVector HIS6 Expression Tag (C-Term)	Easily soluble in the following materials: cold water and hot water.
	SureVector SBP Expression Tag (C-Term)	Easily soluble in the following materials: cold water and hot water.
	SureVector URA3 Yeast Selectable Marker	Easily soluble in the following materials: cold water and hot water.
	SureVector HIS3 Yeast Selectable Marker	Easily soluble in the following materials: cold water and hot water.
	SureVector Hygromycin Yeast Selectable Marker	Easily soluble in the following materials: cold water and hot water.
	SureVector LacZ Yeast Control (C-term)	Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: SureVector GAL1 Yeast Promoter	Not available.
	SureVector CUP1 Yeast Promoter	Not available.
	SureVector ADH1 Yeast Promoter	Not available.
	SureVector FLAG® Expression Tag (C-term)	Not available.
	SureVector GFP Expression Tag (C-term)	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag	Not available.

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	(C-term)	SureVector HIS6 Expression Tag	Not available.
	(C-Term)	SureVector SBP Expression Tag	Not available.
	(C-Term)	SureVector URA3 Yeast Selectable Marker	Not available.
		SureVector HIS3 Yeast Selectable Marker	Not available.
		SureVector Hygromycin Yeast Selectable Marker	Not available.
		SureVector LacZ Yeast Control (C-term)	Not available.
Auto-ignition temperature	:	SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-Term)	Not available.
		SureVector SBP Expression Tag (C-Term)	Not available.
		SureVector URA3 Yeast Selectable Marker	Not available.
		SureVector HIS3 Yeast Selectable Marker	Not available.
		SureVector Hygromycin Yeast Selectable Marker	Not available.
		SureVector LacZ Yeast Control (C-term)	Not available.
Decomposition temperature	:	SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Expression Tag (C-term)	Not available.
		SureVector GFP Expression Tag (C-term)	Not available.
		SureVector HA Expression Tag (C-Term)	Not available.
		SureVector c-Myc Expression Tag (C-term)	Not available.
		SureVector HIS6 Expression Tag (C-Term)	Not available.
		SureVector SBP Expression Tag (C-Term)	Not available.
		SureVector URA3 Yeast Selectable Marker	Not available.
		SureVector HIS3 Yeast Selectable Marker	Not available.
		SureVector Hygromycin Yeast Selectable Marker	Not available.
		SureVector LacZ Yeast Control (C-term)	Not available.

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Viscosity	: SureVector GAL1 Yeast Promoter	Not available.
	SureVector CUP1 Yeast Promoter	Not available.
	SureVector ADH1 Yeast Promoter	Not available.
	SureVector FLAG® Expression Tag (C-term)	Not available.
	SureVector GFP Expression Tag (C-term)	Not available.
	SureVector HA Expression Tag (C-Term)	Not available.
	SureVector c-Myc Expression Tag (C-term)	Not available.
	SureVector HIS6 Expression Tag (C-Term)	Not available.
	SureVector SBP Expression Tag (C-Term)	Not available.
	SureVector URA3 Yeast Selectable Marker	Not available.
	SureVector HIS3 Yeast Selectable Marker	Not available.
	SureVector Hygromycin Yeast Selectable Marker	Not available.
	SureVector LacZ Yeast Control (C-term)	Not available.

Section 10. Stability and reactivity

10.1 Reactivity	: SureVector GAL1 Yeast Promoter	No specific test data related to reactivity available for this product or its ingredients.
	SureVector CUP1 Yeast Promoter	No specific test data related to reactivity available for this product or its ingredients.
	SureVector ADH1 Yeast Promoter	No specific test data related to reactivity available for this product or its ingredients.
	SureVector FLAG® Expression Tag (C-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector GFP Expression Tag (C-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector HA Expression Tag (C-Term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector c-Myc Expression Tag (C-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector HIS6 Expression Tag (C-Term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector SBP Expression Tag (C-Term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector URA3 Yeast Selectable Marker	No specific test data related to reactivity available for this product or its ingredients.
	SureVector HIS3 Yeast Selectable Marker	No specific test data related to reactivity available for this product or its ingredients.
	SureVector Hygromycin Yeast Selectable Marker	No specific test data related to reactivity available for this product or its ingredients.
	SureVector LacZ Yeast Control (C-term)	No specific test data related to reactivity available for this product or its ingredients.

Section 10. Stability and reactivity

10.2 Chemical stability	:  SureVector GAL1 Yeast Promoter	The product is stable.
	SureVector CUP1 Yeast Promoter	The product is stable.
	SureVector ADH1 Yeast Promoter	The product is stable.
	SureVector FLAG® Expression Tag (C-term)	The product is stable.
	SureVector GFP Expression Tag (C-term)	The product is stable.
	SureVector HA Expression Tag (C-Term)	The product is stable.
	SureVector c-Myc Expression Tag (C-term)	The product is stable.
	SureVector HIS6 Expression Tag (C-Term)	The product is stable.
	SureVector SBP Expression Tag (C-Term)	The product is stable.
	SureVector URA3 Yeast Selectable Marker	The product is stable.
	SureVector HIS3 Yeast Selectable Marker	The product is stable.
	SureVector Hygromycin Yeast Selectable Marker	The product is stable.
	SureVector LacZ Yeast Control (C-term)	The product is stable.
10.3 Possibility of hazardous reactions	:  SureVector GAL1 Yeast Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector CUP1 Yeast Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector ADH1 Yeast Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector FLAG® Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector GFP Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector HA Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector c-Myc Expression Tag (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector HIS6 Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector SBP Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector URA3 Yeast Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector HIS3 Yeast Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector Hygromycin Yeast Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureVector LacZ Yeast Control (C-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	:  SureVector GAL1 Yeast Promoter	No specific data.
	SureVector CUP1 Yeast Promoter	No specific data.
	SureVector ADH1 Yeast Promoter	No specific data.
	SureVector FLAG® Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.

Section 10. Stability and reactivity

SureVector HA Expression Tag (C-Term)	No specific data.
SureVector c-Myc Expression Tag (C-term)	No specific data.
SureVector HIS6 Expression Tag (C-Term)	No specific data.
SureVector SBP Expression Tag (C-Term)	No specific data.
SureVector URA3 Yeast Selectable Marker	No specific data.
SureVector HIS3 Yeast Selectable Marker	No specific data.
SureVector Hygromycin Yeast Selectable Marker	No specific data.
SureVector LacZ Yeast Control (C-term)	No specific data.

10.5 Incompatible materials	:	<ul style="list-style-type: none"> ☒ SureVector GAL1 Yeast Promoter SureVector CUP1 Yeast Promoter SureVector ADH1 Yeast Promoter SureVector FLAG® Expression Tag (C-term) SureVector GFP Expression Tag (C-term) SureVector HA Expression Tag (C-Term) SureVector c-Myc Expression Tag (C-term) SureVector HIS6 Expression Tag (C-Term) SureVector SBP Expression Tag (C-Term) SureVector URA3 Yeast Selectable Marker SureVector HIS3 Yeast Selectable Marker SureVector Hygromycin Yeast Selectable Marker SureVector LacZ Yeast Control (C-term) 	<ul style="list-style-type: none"> May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials.
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10.6 Hazardous decomposition products	:	<ul style="list-style-type: none"> ☒ SureVector GAL1 Yeast Promoter SureVector CUP1 Yeast Promoter SureVector ADH1 Yeast Promoter SureVector FLAG® Expression Tag (C-term) SureVector GFP Expression Tag (C-term) 	<ul style="list-style-type: none"> Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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Section 10. Stability and reactivity

SureVector HA Expression Tag (C-Term)	produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector c-Myc Expression Tag (C-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector HIS6 Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector SBP Expression Tag (C-Term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector URA3 Yeast Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector HIS3 Yeast Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector Hygromycin Yeast Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector LacZ Yeast Control (C-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

[11.1 Information on toxicological effects](#)

[Acute toxicity](#)

Not available.

[Irritation/Corrosion](#)

Not available.

[Sensitization](#)

Not available.

[Mutagenicity](#)

Not available.

[Carcinogenicity](#)

Not available.

[Reproductive toxicity](#)

Not available.

[Teratogenicity](#)

Not available.

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

Not available.

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

Not available.

[Aspiration hazard](#)

Not available.

Section 11. Toxicological information

Information on the likely routes of exposure

SureVector GAL1 Yeast Promoter	Not available.
SureVector CUP1 Yeast Promoter	Not available.
SureVector ADH1 Yeast Promoter	Not available.
SureVector FLAG® Expression Tag (C-term)	Not available.
SureVector GFP Expression Tag (C-term)	Not available.
SureVector HA Expression Tag (C-Term)	Not available.
SureVector c-Myc Expression Tag (C-term)	Not available.
SureVector HIS6 Expression Tag (C-Term)	Not available.
SureVector SBP Expression Tag (C-Term)	Not available.
SureVector URA3 Yeast Selectable Marker	Not available.
SureVector HIS3 Yeast Selectable Marker	Not available.
SureVector Hygromycin Yeast Selectable Marker	Not available.
SureVector LacZ Yeast Control (C-term)	Not available.

Potential acute health effects

Eye contact

SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.

Inhalation

SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector c-Myc Expression Tag	No known significant effects or critical hazards.

Section 11. Toxicological information

	(C-term)	
	SureVector HIS6 Expression Tag	No known significant effects or critical hazards.
	(C-Term)	
	SureVector SBP Expression Tag	No known significant effects or critical hazards.
	(C-Term)	
	SureVector URA3 Yeast	No known significant effects or critical hazards.
	Selectable Marker	
	SureVector HIS3 Yeast Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Hygromycin Yeast	No known significant effects or critical hazards.
	Selectable Marker	
	SureVector LacZ Yeast Control (C-	No known significant effects or critical hazards.
	term)	
Skin contact	: SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression	No known significant effects or critical hazards.
	Tag (C-term)	
	SureVector GFP Expression Tag	No known significant effects or critical hazards.
	(C-term)	
	SureVector HA Expression Tag (C-	No known significant effects or critical hazards.
	Term)	
	SureVector c-Myc Expression Tag	No known significant effects or critical hazards.
	(C-term)	
	SureVector HIS6 Expression Tag	No known significant effects or critical hazards.
	(C-Term)	
	SureVector SBP Expression Tag	No known significant effects or critical hazards.
	(C-Term)	
	SureVector URA3 Yeast	No known significant effects or critical hazards.
	Selectable Marker	
	SureVector HIS3 Yeast Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Hygromycin Yeast	No known significant effects or critical hazards.
	Selectable Marker	
	SureVector LacZ Yeast Control (C-	No known significant effects or critical hazards.
	term)	
Ingestion	: SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression	No known significant effects or critical hazards.
	Tag (C-term)	
	SureVector GFP Expression Tag	No known significant effects or critical hazards.
	(C-term)	
	SureVector HA Expression Tag (C-	No known significant effects or critical hazards.
	Term)	
	SureVector c-Myc Expression Tag	No known significant effects or critical hazards.
	(C-term)	
	SureVector HIS6 Expression Tag	No known significant effects or critical hazards.
	(C-Term)	
	SureVector SBP Expression Tag	No known significant effects or critical hazards.
	(C-Term)	
	SureVector URA3 Yeast	No known significant effects or critical hazards.
	Selectable Marker	
	SureVector HIS3 Yeast Selectable	No known significant effects or critical hazards.
	Marker	
	SureVector Hygromycin Yeast	No known significant effects or critical hazards.
	Selectable Marker	
	SureVector LacZ Yeast Control (C-	No known significant effects or critical hazards.

Section 11. Toxicological information

term)

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	:	☑ SureVector GAL1 Yeast Promoter	No specific data.	
		SureVector CUP1 Yeast Promoter	No specific data.	
		SureVector ADH1 Yeast Promoter	No specific data.	
		SureVector FLAG® Expression Tag (C-term)	No specific data.	
		SureVector GFP Expression Tag (C-term)	No specific data.	
		SureVector HA Expression Tag (C-Term)	No specific data.	
		SureVector c-Myc Expression Tag (C-term)	No specific data.	
		SureVector HIS6 Expression Tag (C-Term)	No specific data.	
		SureVector SBP Expression Tag (C-Term)	No specific data.	
		SureVector URA3 Yeast Selectable Marker	No specific data.	
		SureVector HIS3 Yeast Selectable Marker	No specific data.	
		SureVector Hygromycin Yeast Selectable Marker	No specific data.	
		SureVector LacZ Yeast Control (C-term)	No specific data.	
	Inhalation	:	☑ SureVector GAL1 Yeast Promoter	No specific data.
			SureVector CUP1 Yeast Promoter	No specific data.
		SureVector ADH1 Yeast Promoter	No specific data.	
		SureVector FLAG® Expression Tag (C-term)	No specific data.	
		SureVector GFP Expression Tag (C-term)	No specific data.	
		SureVector HA Expression Tag (C-Term)	No specific data.	
		SureVector c-Myc Expression Tag (C-term)	No specific data.	
		SureVector HIS6 Expression Tag (C-Term)	No specific data.	
		SureVector SBP Expression Tag (C-Term)	No specific data.	
		SureVector URA3 Yeast Selectable Marker	No specific data.	
		SureVector HIS3 Yeast Selectable Marker	No specific data.	
		SureVector Hygromycin Yeast Selectable Marker	No specific data.	
		SureVector LacZ Yeast Control (C-term)	No specific data.	
Skin contact		:	☑ SureVector GAL1 Yeast Promoter	No specific data.
			SureVector CUP1 Yeast Promoter	No specific data.
		SureVector ADH1 Yeast Promoter	No specific data.	
		SureVector FLAG® Expression Tag (C-term)	No specific data.	
		SureVector GFP Expression Tag (C-term)	No specific data.	
		SureVector HA Expression Tag (C-Term)	No specific data.	

Section 11. Toxicological information

	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-Term)	No specific data.
	SureVector SBP Expression Tag (C-Term)	No specific data.
	SureVector URA3 Yeast Selectable Marker	No specific data.
	SureVector HIS3 Yeast Selectable Marker	No specific data.
	SureVector Hygromycin Yeast Selectable Marker	No specific data.
	SureVector LacZ Yeast Control (C-term)	No specific data.
Ingestion	: SureVector GAL1 Yeast Promoter	No specific data.
	SureVector CUP1 Yeast Promoter	No specific data.
	SureVector ADH1 Yeast Promoter	No specific data.
	SureVector FLAG® Expression Tag (C-term)	No specific data.
	SureVector GFP Expression Tag (C-term)	No specific data.
	SureVector HA Expression Tag (C-Term)	No specific data.
	SureVector c-Myc Expression Tag (C-term)	No specific data.
	SureVector HIS6 Expression Tag (C-Term)	No specific data.
	SureVector SBP Expression Tag (C-Term)	No specific data.
	SureVector URA3 Yeast Selectable Marker	No specific data.
	SureVector HIS3 Yeast Selectable Marker	No specific data.
	SureVector Hygromycin Yeast Selectable Marker	No specific data.
	SureVector LacZ Yeast Control (C-term)	No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

General	: SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-	No known significant effects or critical hazards.

Section 11. Toxicological information

	Term)	
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.
Carcinogenicity	: SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.
Mutagenicity	: SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Yeast	No known significant effects or critical hazards.

Section 11. Toxicological information

	Selectable Marker	
	SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.
Teratogenicity	: SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.
Developmental effects	: SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
	SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.
Fertility effects	: SureVector GAL1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector CUP1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector ADH1 Yeast Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector GFP Expression Tag (C-term)	No known significant effects or critical hazards.
	SureVector HA Expression Tag (C-Term)	No known significant effects or critical hazards.

Section 11. Toxicological information

SureVector c-Myc Expression Tag (C-term)	No known significant effects or critical hazards.
SureVector HIS6 Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector SBP Expression Tag (C-Term)	No known significant effects or critical hazards.
SureVector URA3 Yeast Selectable Marker	No known significant effects or critical hazards.
SureVector HIS3 Yeast Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Yeast Selectable Marker	No known significant effects or critical hazards.
SureVector LacZ Yeast Control (C-term)	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

12.1 Toxicity

Not available.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

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

Section 13. Disposal considerations

13.1 Waste treatment methods

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 13. Disposal considerations

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

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

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

Section 14. Transport information

Regulatory information

DOT / IMDG / IATA : Not regulated.

Section 15. Regulatory information

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

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

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

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

No products were found.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

California Prop. 65

No products were found.

International regulations

Section 15. Regulatory information

[Chemical Weapon Convention List Schedules I, II & III Chemicals](#)

Not listed.

[Montreal Protocol \(Annexes A, B, C, E\)](#)

Not listed.

[Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

[Rotterdam Convention on Prior Informed Consent \(PIC\)](#)

Not listed.

[UNECE Aarhus Protocol on POPs and Heavy Metals](#)

Not listed.

[Inventory list](#)

Australia	: All components are listed or exempted.
Canada inventory	: All components are listed or exempted.
China	: All components are listed or exempted.
Europe	: All components are listed or exempted.
Japan	: <input checked="" type="checkbox"/> Japan inventory (ENCS) : All components are listed or exempted. Japan inventory (ISHL) : All components are listed or exempted.
Malaysia	: Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: All components are listed or exempted.
Taiwan	: All components are listed or exempted.
Turkey	: <input checked="" type="checkbox"/> Not determined.

Section 16. Other information

[History](#)

Date of issue	: 04/21/2017
Date of previous issue	: 09/10/2015.
Version	: 2

Indicates information that has changed from previously issued version.

[Notice to reader](#)

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