

SAFETY DATA SHEET



SureVector Yeast N-terminal Expansion Kit, 15 rxn, Part Number G7517A

Section 1. Identification

1.1 Product identifier

Product name : SureVector Yeast N-terminal Expansion Kit, 15 rxn, Part Number G7517A

Part No. (Chemical Kit) : G7517A

Part No. :

SureVector GAL1 Yeast Promoter	5190-9327
SureVector CUP1 Yeast Promoter	5190-9328
SureVector ADH1 Yeast Promoter	5190-9329
SureVector FLAG Yeast Expression Tag (N-term)	5190-9330
SureVector GFP Yeast Expression Tag (N-term)	5190-9331
SureVector HA Yeast Expression Tag (N-term)	5190-9332
SureVector c-Myc Yeast Expression Tag (N-term)	5190-9333
SureVector HIS6 Yeast Expression Tag (N-term)	5190-9334
SureVector SBP Yeast Expression Tag (N-term)	5190-9335
SureVector URA3 Yeast Selectable Marker	5190-9336
SureVector HIS3 Yeast Selectable Marker	5190-9337
SureVector Hygromycin Yeast Selectable Marker	5190-9338
SureVector LacZ Control (N-term)	5190-8103

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® Yeast Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector GFP Yeast Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector HA Yeast Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector c-Myc Yeast Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector HIS6 Yeast Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector SBP Yeast Expression Tag (N-term)	0.03 ml (15 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 Control (N-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

Section 1. Identification

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® Yeast Expression Tag (N-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector GFP Yeast Expression Tag (N-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector HA Yeast Expression Tag (N-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector c-Myc Yeast Expression Tag (N-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector HIS6 Yeast Expression Tag (N-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureVector SBP Yeast Expression Tag (N-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Section 2. Hazards identification

SureVector URA3 Yeast Selectable Marker	other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureVector 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 Control (N-term)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

Not classified.

2.2 GHS label elements

Signal word

SureVector GAL1 Yeast Promoter	No signal word.
SureVector CUP1 Yeast Promoter	No signal word.
SureVector ADH1 Yeast Promoter	No signal word.
SureVector FLAG® Yeast Expression Tag (N-term)	No signal word.
SureVector GFP Yeast Expression Tag (N-term)	No signal word.
SureVector HA Yeast Expression Tag (N-term)	No signal word.
SureVector c-Myc Yeast Expression Tag (N-term)	No signal word.
SureVector HIS6 Yeast Expression Tag (N-term)	No signal word.
SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	No signal word.

Hazard statements

:

Section 2. Hazards identification

<input checked="" type="checkbox"/> 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® Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector GFP Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HA Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector c-Myc Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HIS6 Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	Not applicable.
SureVector GFP Yeast Expression Tag (N-term)	Not applicable.
SureVector HA Yeast Expression Tag (N-term)	Not applicable.
SureVector c-Myc Yeast Expression Tag (N-term)	Not applicable.
SureVector HIS6 Yeast Expression Tag (N-term)	Not applicable.
SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	Not applicable.
SureVector GFP Yeast Expression Tag (N-term)	Not applicable.
SureVector HA Yeast Expression Tag (N-term)	Not applicable.
SureVector c-Myc Yeast Expression Tag (N-term)	Not applicable.
SureVector HIS6 Yeast Expression Tag (N-term)	Not applicable.

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Storage

SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not applicable.
<input checked="" type="checkbox"/> SureVector GAL1 Yeast Promoter	Not applicable.
SureVector CUP1 Yeast Promoter	Not applicable.
SureVector ADH1 Yeast Promoter	Not applicable.
SureVector FLAG® Yeast Expression Tag (N-term)	Not applicable.
SureVector GFP Yeast Expression Tag (N-term)	Not applicable.
SureVector HA Yeast Expression Tag (N-term)	Not applicable.
SureVector c-Myc Yeast Expression Tag (N-term)	Not applicable.
SureVector HIS6 Yeast Expression Tag (N-term)	Not applicable.
SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	Not applicable.
SureVector GFP Yeast Expression Tag (N-term)	Not applicable.
SureVector HA Yeast Expression Tag (N-term)	Not applicable.
SureVector c-Myc Yeast Expression Tag (N-term)	Not applicable.
SureVector HIS6 Yeast Expression Tag (N-term)	Not applicable.
SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not applicable.

Section 2. Hazards identification

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® Yeast Expression Tag (N-term)	None known.
		SureVector GFP Yeast Expression Tag (N-term)	None known.
		SureVector HA Yeast Expression Tag (N-term)	None known.
		SureVector c-Myc Yeast Expression Tag (N-term)	None known.
		SureVector HIS6 Yeast Expression Tag (N-term)	None known.
		SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	None known.

2.3 Other hazards

Hazards not otherwise classified

: <input checked="" type="checkbox"/>	SureVector GAL1 Yeast Promoter	None known.
	SureVector CUP1 Yeast Promoter	None known.
	SureVector ADH1 Yeast Promoter	None known.
	SureVector FLAG® Yeast Expression Tag (N-term)	None known.
	SureVector GFP Yeast Expression Tag (N-term)	None known.
	SureVector HA Yeast Expression Tag (N-term)	None known.
	SureVector c-Myc Yeast Expression Tag (N-term)	None known.
	SureVector HIS6 Yeast Expression Tag (N-term)	None known.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	None known.

Section 3. Composition/information on ingredients

Substance/mixture	: <input checked="" type="checkbox"/>	SureVector GAL1 Yeast Promoter	Mixture
		SureVector CUP1 Yeast Promoter	Mixture
		SureVector ADH1 Yeast Promoter	Mixture
		SureVector FLAG® Yeast Expression Tag (N-term)	Mixture
		SureVector GFP Yeast Expression Tag (N-term)	Mixture
		SureVector HA Yeast Expression Tag (N-term)	Mixture
		SureVector c-Myc Yeast Expression Tag (N-term)	Mixture

Section 3. Composition/information on ingredients

SureVector HIS6 Yeast Expression Tag (N-term)	Mixture
SureVector SBP Yeast Expression Tag (N-term)	Mixture
SureVector URA3 Yeast Selectable Marker	Mixture
SureVector HIS3 Yeast Selectable Marker	Mixture
SureVector Hygromycin Yeast Selectable Marker	Mixture
SureVector LacZ Control (N-term)	Mixture

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

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

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

Section 4. First aid measures

4.1 Description of necessary first aid measures

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

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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 medical attention if irritation occurs.

SureVector Hygromycin 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 LacZ Control (N-term)

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation

: SureVector 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® Yeast Expression Tag (N-term)

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

SureVector GFP Yeast Expression Tag (N-term)

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

SureVector HA Yeast Expression Tag (N-term)

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

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

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

SureVector HIS6 Yeast Expression Tag (N-term)

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

SureVector SBP Yeast Expression Tag (N-term)

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

SureVector 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 Control (N-term)

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Section 4. First aid measures

Skin contact	: SureVector 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® Yeast Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector GFP Yeast Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector HA Yeast Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector c-Myc Yeast Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector HIS6 Yeast Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-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

Section 4. First aid measures

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

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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 Control (N-term) Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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

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Skin contact	SureVector LacZ Control (N-term)	No known significant effects or critical hazards.	
	: 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® Yeast Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector GFP Yeast Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector HA Yeast Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector c-Myc Yeast Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector HIS6 Yeast Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector GFP Yeast Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector HA Yeast Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector c-Myc Yeast Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector HIS6 Yeast Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	No specific data.
	SureVector GFP Yeast Expression Tag (N-term)	No specific data.
	SureVector HA Yeast Expression Tag (N-term)	No specific data.
	SureVector c-Myc Yeast Expression Tag (N-term)	No specific data.
	SureVector HIS6 Yeast	No specific data.

Section 4. First aid measures

Inhalation

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

Section 4. First aid measures

Ingestion	:	SureVector GAL1 Yeast Promoter	No specific data.
		SureVector CUP1 Yeast Promoter	No specific data.
		SureVector ADH1 Yeast Promoter	No specific data.
		SureVector FLAG® Yeast Expression Tag (N-term)	No specific data.
		SureVector GFP Yeast Expression Tag (N-term)	No specific data.
		SureVector HA Yeast Expression Tag (N-term)	No specific data.
		SureVector c-Myc Yeast Expression Tag (N-term)	No specific data.
		SureVector HIS6 Yeast Expression Tag (N-term)	No specific data.
		SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureVector GFP Yeast Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureVector HA Yeast Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureVector c-Myc Yeast Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureVector HIS6 Yeast Expression Tag (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureVector SBP Yeast Expression Tag (N-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	Treat symptomatically. Contact poison treatment

Section 4. First aid measures

	Selectable Marker	specialist immediately if large quantities have been ingested or inhaled.
	SureVector LacZ Control (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: SureVector GAL1 Yeast Promoter	No specific treatment.
	SureVector CUP1 Yeast Promoter	No specific treatment.
	SureVector ADH1 Yeast Promoter	No specific treatment.
	SureVector FLAG® Yeast Expression Tag (N-term)	No specific treatment.
	SureVector GFP Yeast Expression Tag (N-term)	No specific treatment.
	SureVector HA Yeast Expression Tag (N-term)	No specific treatment.
	SureVector c-Myc Yeast Expression Tag (N-term)	No specific treatment.
	SureVector HIS6 Yeast Expression Tag (N-term)	No specific treatment.
	SureVector SBP Yeast Expression Tag (N-term)	No specific treatment.
	SureVector URA3 Yeast Selectable Marker	No specific treatment.
	SureVector HIS3 Yeast Selectable Marker	No specific treatment.
	SureVector Hygromycin Yeast Selectable Marker	No specific treatment.
	SureVector LacZ Control (N-term)	No specific treatment.
Protection of first-aiders	: SureVector GAL1 Yeast Promoter	No action shall be taken involving any personal risk or without suitable training.
	SureVector CUP1 Yeast Promoter	No action shall be taken involving any personal risk or without suitable training.
	SureVector ADH1 Yeast Promoter	No action shall be taken involving any personal risk or without suitable training.
	SureVector FLAG® Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector GFP Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector HA Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector c-Myc Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector HIS6 Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector SBP Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector URA3 Yeast Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
	SureVector HIS3 Yeast Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
	SureVector Hygromycin Yeast Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
	SureVector LacZ Control (N-term)	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

☒ SureVector 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® Yeast Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
SureVector GFP Yeast Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
SureVector HA Yeast Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
SureVector c-Myc Yeast Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
SureVector HIS6 Yeast Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	None known.
SureVector GFP Yeast Expression Tag (N-term)	None known.
SureVector HA Yeast Expression Tag (N-term)	None known.
SureVector c-Myc Yeast Expression Tag (N-term)	None known.
SureVector HIS6 Yeast Expression Tag (N-term)	None known.
SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	None known.

5.2 Special hazards arising from the substance or mixture

Section 5. Fire-fighting measures

Specific hazards arising from the chemical

: 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® Yeast Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector GFP Yeast Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector HA Yeast Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector c-Myc Yeast Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector HIS6 Yeast Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	No specific data.
SureVector GFP Yeast Expression Tag (N-term)	No specific data.
SureVector HA Yeast Expression Tag (N-term)	No specific data.
SureVector c-Myc Yeast Expression Tag (N-term)	No specific data.
SureVector HIS6 Yeast Expression Tag (N-term)	No specific data.
SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	No specific data.

5.3 Advice for firefighters

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.

Section 5. Fire-fighting measures

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® Yeast Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector GFP Yeast Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HA Yeast Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector c-Myc Yeast Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HIS6 Yeast Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector SBP Yeast Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector 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 Control (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters : SureVector 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® Yeast Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

Section 5. Fire-fighting measures

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

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: SureVector 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.

Section 6. Accidental release measures

SureVector FLAG® Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector GFP Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector HA Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector c-Myc Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector HIS6 Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector SBP Yeast Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureVector URA3 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 HIS3 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 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 Control (N-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on

Section 6. Accidental release measures

For emergency responders : SureVector GAL1 Yeast Promoter

SureVector CUP1 Yeast Promoter

SureVector ADH1 Yeast Promoter

SureVector FLAG® Yeast
Expression Tag (N-term)

SureVector GFP Yeast Expression
Tag (N-term)

SureVector HA Yeast Expression
Tag (N-term)

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

SureVector HIS6 Yeast
Expression Tag (N-term)

SureVector SBP Yeast Expression
Tag (N-term)

SureVector URA3 Yeast
Selectable Marker

SureVector HIS3 Yeast Selectable
Marker

SureVector Hygromycin Yeast
Selectable Marker

SureVector LacZ Control (N-term)

appropriate personal protective equipment.

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Section 6. Accidental release measures

6.2 Environmental precautions

: SureVector 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® Yeast Expression Tag (N-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector GFP Yeast Expression Tag (N-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector HA Yeast Expression Tag (N-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector c-Myc Yeast Expression Tag (N-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector HIS6 Yeast Expression Tag (N-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector SBP Yeast Expression Tag (N-term)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector URA3 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 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,

Section 6. Accidental release measures

SureVector LacZ Control (N-term)	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
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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® Yeast Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector GFP Yeast Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector HA Yeast Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector c-Myc Yeast Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector HIS6 Yeast Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector SBP Yeast Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.

Section 6. Accidental release measures

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

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures	: SureVector 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® Yeast Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector GFP Yeast Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HA Yeast Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector c-Myc Yeast Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HIS6 Yeast Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Put on appropriate personal protective equipment (see Section 8).

Section 7. Handling and storage

Advice on general occupational hygiene

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

Section 7. Handling and storage

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

7.2 Conditions for safe storage, including any incompatibilities

: SureVector 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 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

Section 7. Handling and storage

SureVector FLAG® Yeast
Expression Tag (N-term)

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

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

SureVector GFP Yeast Expression
Tag (N-term)

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

SureVector HA Yeast Expression
Tag (N-term)

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

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

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

SureVector HIS6 Yeast
Expression Tag (N-term)

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

SureVector SBP Yeast Expression
Tag (N-term)

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

Section 7. Handling and storage

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

7.3 Specific end use(s)

Recommendations

: SureVector 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® Yeast Expression Tag (N-term)	Industrial applications, Professional applications.
SureVector GFP Yeast Expression Tag (N-term)	Industrial applications, Professional applications.
SureVector HA Yeast Expression Tag (N-term)	Industrial applications, Professional applications.
SureVector c-Myc Yeast Expression Tag (N-term)	Industrial applications, Professional applications.

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	SureVector HIS6 Yeast Expression Tag (N-term)	Industrial applications, Professional applications.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	Not applicable.
	SureVector GFP Yeast Expression Tag (N-term)	Not applicable.
	SureVector HA Yeast Expression Tag (N-term)	Not applicable.
	SureVector c-Myc Yeast Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Yeast Expression Tag (N-term)	Not applicable.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not applicable.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
None.	

8.2 Exposure controls

Appropriate engineering controls

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

Environmental exposure controls

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

Individual protection measures

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.

Section 8. Exposure controls/personal protection

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

Section 9. Physical and chemical properties

		SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
		SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not available.
Odor	:	SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Yeast Expression Tag (N-term)	Not available.
		SureVector GFP Yeast Expression Tag (N-term)	Not available.
		SureVector HA Yeast Expression Tag (N-term)	Not available.
		SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
		SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
		SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not available.
Odor threshold	:	SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Yeast Expression Tag (N-term)	Not available.
		SureVector GFP Yeast Expression Tag (N-term)	Not available.
		SureVector HA Yeast Expression Tag (N-term)	Not available.
		SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
		SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
		SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not available.
pH	:		

Section 9. Physical and chemical properties

SureVector GAL1 Yeast Promoter	8
SureVector CUP1 Yeast Promoter	8
SureVector ADH1 Yeast Promoter	8
SureVector FLAG® Yeast Expression Tag (N-term)	8
SureVector GFP Yeast Expression Tag (N-term)	8
SureVector HA Yeast Expression Tag (N-term)	8
SureVector c-Myc Yeast Expression Tag (N-term)	8
SureVector HIS6 Yeast Expression Tag (N-term)	8
SureVector SBP Yeast Expression Tag (N-term)	8
SureVector URA3 Yeast Selectable Marker	8
SureVector HIS3 Yeast Selectable Marker	8
SureVector Hygromycin Yeast Selectable Marker	8
SureVector LacZ Control (N-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® Yeast Expression Tag (N-term)	0°C (32°F)
SureVector GFP Yeast Expression Tag (N-term)	0°C (32°F)
SureVector HA Yeast Expression Tag (N-term)	0°C (32°F)
SureVector c-Myc Yeast Expression Tag (N-term)	0°C (32°F)
SureVector HIS6 Yeast Expression Tag (N-term)	0°C (32°F)
SureVector SBP Yeast Expression Tag (N-term)	0°C (32°F)
SureVector URA3 Yeast Selectable Marker	0°C (32°F)
SureVector HIS3 Yeast Selectable Marker	0°C (32°F)
SureVector Hygromycin Yeast Selectable Marker	0°C (32°F)
SureVector LacZ Control (N-term)	0°C (32°F)

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® Yeast Expression Tag (N-term)	100°C (212°F)
SureVector GFP Yeast Expression Tag (N-term)	100°C (212°F)
SureVector HA Yeast Expression Tag (N-term)	100°C (212°F)
SureVector c-Myc Yeast Expression Tag (N-term)	100°C (212°F)
SureVector HIS6 Yeast Expression Tag (N-term)	100°C (212°F)
SureVector SBP Yeast Expression Tag (N-term)	100°C (212°F)

Section 9. Physical and chemical properties

		SureVector URA3 Yeast Selectable Marker	100°C (212°F)
		SureVector HIS3 Yeast Selectable Marker	100°C (212°F)
		SureVector Hygromycin Yeast Selectable Marker	100°C (212°F)
		SureVector LacZ Control (N-term)	100°C (212°F)
Flash point	:	☑ SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Yeast Expression Tag (N-term)	Not available.
		SureVector GFP Yeast Expression Tag (N-term)	Not available.
		SureVector HA Yeast Expression Tag (N-term)	Not available.
		SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
		SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
		SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not available.
Evaporation rate	:	☑ SureVector GAL1 Yeast Promoter	Not available.
		SureVector CUP1 Yeast Promoter	Not available.
		SureVector ADH1 Yeast Promoter	Not available.
		SureVector FLAG® Yeast Expression Tag (N-term)	Not available.
		SureVector GFP Yeast Expression Tag (N-term)	Not available.
		SureVector HA Yeast Expression Tag (N-term)	Not available.
		SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
		SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
		SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not available.
Flammability (solid, gas)	:	☑ SureVector GAL1 Yeast Promoter	Not applicable.
		SureVector CUP1 Yeast Promoter	Not applicable.
		SureVector ADH1 Yeast Promoter	Not applicable.
		SureVector FLAG® Yeast Expression Tag (N-term)	Not applicable.
		SureVector GFP Yeast Expression Tag (N-term)	Not applicable.
		SureVector HA Yeast Expression	Not applicable.

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	Tag (N-term)	
	SureVector c-Myc Yeast Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Yeast Expression Tag (N-term)	Not applicable.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not applicable.
Lower and upper explosive (flammable) limits	SureVector GAL1 Yeast Promoter	Not available.
	SureVector CUP1 Yeast Promoter	Not available.
	SureVector ADH1 Yeast Promoter	Not available.
	SureVector FLAG® Yeast Expression Tag (N-term)	Not available.
	SureVector GFP Yeast Expression Tag (N-term)	Not available.
	SureVector HA Yeast Expression Tag (N-term)	Not available.
	SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
	SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	Not available.
	SureVector GFP Yeast Expression Tag (N-term)	Not available.
	SureVector HA Yeast Expression Tag (N-term)	Not available.
	SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
	SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not available.

Vapor density :

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	<ul style="list-style-type: none"> ☒ SureVector GAL1 Yeast Promoter Not available. SureVector CUP1 Yeast Promoter Not available. SureVector ADH1 Yeast Promoter Not available. SureVector FLAG® Yeast Expression Tag (N-term) Not available. SureVector GFP Yeast Expression Tag (N-term) Not available. SureVector HA Yeast Expression Tag (N-term) Not available. SureVector c-Myc Yeast Expression Tag (N-term) Not available. SureVector HIS6 Yeast Expression Tag (N-term) Not available. SureVector SBP Yeast Expression Tag (N-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 Control (N-term) Not available.
Relative density	<ul style="list-style-type: none"> : ☒ SureVector GAL1 Yeast Promoter Not available. SureVector CUP1 Yeast Promoter Not available. SureVector ADH1 Yeast Promoter Not available. SureVector FLAG® Yeast Expression Tag (N-term) Not available. SureVector GFP Yeast Expression Tag (N-term) Not available. SureVector HA Yeast Expression Tag (N-term) Not available. SureVector c-Myc Yeast Expression Tag (N-term) Not available. SureVector HIS6 Yeast Expression Tag (N-term) Not available. SureVector SBP Yeast Expression Tag (N-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 Control (N-term) Not available.
Solubility	<ul style="list-style-type: none"> : ☒ 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® Yeast Expression Tag (N-term) Easily soluble in the following materials: cold water and hot water. SureVector GFP Yeast Expression Tag (N-term) Easily soluble in the following materials: cold water and hot water. SureVector HA Yeast Expression Tag (N-term) Easily soluble in the following materials: cold water and hot water. SureVector c-Myc Yeast Expression Tag (N-term) Easily soluble in the following materials: cold water and hot water. SureVector HIS6 Yeast Easily soluble in the following materials: cold water

Section 9. Physical and chemical properties

	Expression Tag (N-term)	and hot water.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	Not available.
	SureVector GFP Yeast Expression Tag (N-term)	Not available.
	SureVector HA Yeast Expression Tag (N-term)	Not available.
	SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
	SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	Not available.
	SureVector GFP Yeast Expression Tag (N-term)	Not available.
	SureVector HA Yeast Expression Tag (N-term)	Not available.
	SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
	SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not available.

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Decomposition temperature	:	SureVector GAL1 Yeast Promoter	Not available.	
		SureVector CUP1 Yeast Promoter	Not available.	
		SureVector ADH1 Yeast Promoter	Not available.	
		SureVector FLAG® Yeast Expression Tag (N-term)	Not available.	
		SureVector GFP Yeast Expression Tag (N-term)	Not available.	
		SureVector HA Yeast Expression Tag (N-term)	Not available.	
		SureVector c-Myc Yeast Expression Tag (N-term)	Not available.	
		SureVector HIS6 Yeast Expression Tag (N-term)	Not available.	
		SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Not available.	
	Viscosity	:	SureVector GAL1 Yeast Promoter	Not available.
			SureVector CUP1 Yeast Promoter	Not available.
			SureVector ADH1 Yeast Promoter	Not available.
			SureVector FLAG® Yeast Expression Tag (N-term)	Not available.
			SureVector GFP Yeast Expression Tag (N-term)	Not available.
			SureVector HA Yeast Expression Tag (N-term)	Not available.
			SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
		SureVector HIS6 Yeast Expression Tag (N-term)	Not available.	
		SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
		SureVector GFP Yeast Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
		SureVector HA Yeast Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.

Section 10. Stability and reactivity

SureVector c-Myc Yeast Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
SureVector HIS6 Yeast Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	No specific test data related to reactivity available for this product or its ingredients.

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® Yeast Expression Tag (N-term)	The product is stable.
SureVector GFP Yeast Expression Tag (N-term)	The product is stable.
SureVector HA Yeast Expression Tag (N-term)	The product is stable.
SureVector c-Myc Yeast Expression Tag (N-term)	The product is stable.
SureVector HIS6 Yeast Expression Tag (N-term)	The product is stable.
SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector GFP Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector HA Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector c-Myc Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector HIS6 Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector SBP Yeast Expression Tag (N-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.

Section 10. Stability and reactivity

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 Control (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid	:	<ul style="list-style-type: none"> ☒ SureVector GAL1 Yeast Promoter ☒ SureVector CUP1 Yeast Promoter ☒ SureVector ADH1 Yeast Promoter ☒ SureVector FLAG® Yeast Expression Tag (N-term) ☒ SureVector GFP Yeast Expression Tag (N-term) ☒ SureVector HA Yeast Expression Tag (N-term) ☒ SureVector c-Myc Yeast Expression Tag (N-term) ☒ SureVector HIS6 Yeast Expression Tag (N-term) ☒ SureVector SBP Yeast Expression Tag (N-term) ☒ SureVector URA3 Yeast Selectable Marker ☒ SureVector HIS3 Yeast Selectable Marker ☒ SureVector Hygromycin Yeast Selectable Marker ☒ SureVector LacZ Control (N-term) 	<ul style="list-style-type: none"> No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.
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10.5 Incompatible materials	:	<ul style="list-style-type: none"> ☒ SureVector GAL1 Yeast Promoter ☒ SureVector CUP1 Yeast Promoter ☒ SureVector ADH1 Yeast Promoter ☒ SureVector FLAG® Yeast Expression Tag (N-term) ☒ SureVector GFP Yeast Expression Tag (N-term) ☒ SureVector HA Yeast Expression Tag (N-term) ☒ SureVector c-Myc Yeast Expression Tag (N-term) ☒ SureVector HIS6 Yeast Expression Tag (N-term) ☒ SureVector SBP Yeast Expression Tag (N-term) ☒ SureVector URA3 Yeast Selectable Marker ☒ SureVector HIS3 Yeast Selectable Marker ☒ SureVector Hygromycin Yeast Selectable Marker ☒ SureVector LacZ Control (N-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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Section 10. Stability and reactivity

10.6 Hazardous decomposition products	: SureVector GAL1 Yeast Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector CUP1 Yeast Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector ADH1 Yeast Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector FLAG® Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector GFP Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector HA Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector c-Myc Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector HIS6 Yeast Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector SBP Yeast Expression Tag (N-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 Control (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Section 11. Toxicological information

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure

☑ SureVector GAL1 Yeast Promoter	Not available.
SureVector CUP1 Yeast Promoter	Not available.
SureVector ADH1 Yeast Promoter	Not available.
SureVector FLAG® Yeast Expression Tag (N-term)	Not available.
SureVector GFP Yeast Expression Tag (N-term)	Not available.
SureVector HA Yeast Expression Tag (N-term)	Not available.
SureVector c-Myc Yeast Expression Tag (N-term)	Not available.
SureVector HIS6 Yeast Expression Tag (N-term)	Not available.
SureVector SBP Yeast Expression Tag (N-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 Control (N-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® Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector GFP Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HA Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector c-Myc Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HIS6 Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector SBP Yeast Expression Tag (N-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.

Section 11. Toxicological information

	SureVector LacZ Control (N-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® Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Yeast Expression Tag (N-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.
Skin contact	: SureVector LacZ Control (N-term)	No known significant effects or critical hazards.
	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® Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Yeast Expression Tag (N-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.
Ingestion	: SureVector LacZ Control (N-term)	No known significant effects or critical hazards.
	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® Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Yeast Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Yeast Expression	No known significant effects or critical hazards.

Section 11. Toxicological information

Tag (N-term)	
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 Control (N-term)	No known significant effects or critical hazards.

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

Section 11. Toxicological information

Skin contact	:	<ul style="list-style-type: none"> SureVector GAL1 Yeast Promoter No specific data. SureVector CUP1 Yeast Promoter No specific data. SureVector ADH1 Yeast Promoter No specific data. SureVector FLAG® Yeast Expression Tag (N-term) No specific data. SureVector GFP Yeast Expression Tag (N-term) No specific data. SureVector HA Yeast Expression Tag (N-term) No specific data. SureVector c-Myc Yeast Expression Tag (N-term) No specific data. SureVector HIS6 Yeast Expression Tag (N-term) No specific data. SureVector SBP Yeast Expression Tag (N-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 Control (N-term) No specific data.
Ingestion	:	<ul style="list-style-type: none"> SureVector GAL1 Yeast Promoter No specific data. SureVector CUP1 Yeast Promoter No specific data. SureVector ADH1 Yeast Promoter No specific data. SureVector FLAG® Yeast Expression Tag (N-term) No specific data. SureVector GFP Yeast Expression Tag (N-term) No specific data. SureVector HA Yeast Expression Tag (N-term) No specific data. SureVector c-Myc Yeast Expression Tag (N-term) No specific data. SureVector HIS6 Yeast Expression Tag (N-term) No specific data. SureVector SBP Yeast Expression Tag (N-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 Control (N-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

Section 11. Toxicological information

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

Section 11. Toxicological information

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

Section 11. Toxicological information

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