

# SAFETY DATA SHEET



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

## Section 1. Identification

### 1.1 Product identifier

|                                |   |           |  |
|--------------------------------|---|-----------|--|
| <b>Product name</b>            | : SureVector Yeast N-terminal Expansion Kit, 15 rxn, Part Number G7517A |           |  |
| <b>Part no. (chemical kit)</b> | : G7517A  |           |  |
| <b>Part no.</b>                | : 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** : 9/15/2022

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

|                        |  |                        |  |
|------------------------|--|------------------------|--|
| <b>Identified uses</b> | : <input checked="" type="checkbox"/> 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

## Section 1. Identification

### 1.4 Emergency telephone number

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

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

|                        |  |  |
|------------------------|--|--|
| <b>OSHA/HCS status</b> | : 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       | and other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. |
| SureVector 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

|  |   |
|--|---|
| : 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 2. Hazards identification

|  |   |
|--|---|
| 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. |

### Precautionary statements

#### Prevention

|  |                 |
|--|-----------------|
| : 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

|  |                 |
|--|-----------------|
| : 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

|                                    |   |  |                 |
|------------------------------------|---|--|-----------------|
| <b>Storage</b>                     | : | 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. |
| <b>Disposal</b>                    | : | 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. |
| <b>Supplemental label elements</b> | : | 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                          | None known.     |

## Section 2. Hazards identification

|   |             |
|---|-------------|
| Selectable Marker                             |             |
| 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

|  |             |
|--|-------------|
| : 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

|                          |   |  |         |
|--------------------------|---|--|---------|
| <b>Substance/mixture</b> | : | 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 |
|                          |   | 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 |

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

## 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. 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. |

## Section 4. First aid measures

|                     |   |  |  |
|---------------------|---|--|--|
| <b>Inhalation</b>   | : | 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.  |
| <b>Skin contact</b> | : | 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. |

## Section 4. First aid measures

|                  |  |  |
|------------------|--|--|
|                  | 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.   |
| <b>Ingestion</b> | : SureVector GAL1 Yeast Promoter               | Wash out mouth with water. 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. 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. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
|                  | SureVector FLAG® Yeast Expression Tag (N-term) | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
|                  | SureVector GFP Yeast Expression Tag (N-term)   | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
|                  | SureVector HA Yeast Expression Tag (N-term)    | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
|                  | SureVector c-Myc Yeast Expression Tag (N-term) | Wash out mouth with water. 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. |

## Section 4. First aid measures

|   |  |
|---|--|
| SureVector HIS6 Yeast Expression Tag (N-term) | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureVector SBP Yeast Expression Tag (N-term)  | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureVector URA3 Yeast Selectable Marker       | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureVector HIS3 Yeast Selectable Marker       | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureVector Hygromycin Yeast Selectable Marker | Wash out mouth with water. 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. 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                    | No known significant effects or critical hazards. |

## Section 4. First aid measures

### Inhalation

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

### Skin contact

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

## Section 4. First aid measures

|   |   |
|---|---|
| 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 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 4. First aid measures

|                     |   |  |                   |
|---------------------|---|--|-------------------|
| <b>Skin contact</b> | : | 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. |
| <b>Ingestion</b>    | : | 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

|                           |   |  |   |
|---------------------------|---|--|---|
| <b>Notes to physician</b> | : | 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                | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |

## Section 4. First aid measures

|                                   |  |   |
|-----------------------------------|--|---|
|                                   | Tag (N-term)                                   | 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 Selectable Marker  | Treat symptomatically. Contact poison treatment 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. |
| <b>Specific treatments</b>        | : 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.  |
| <b>Protection of first-aiders</b> | : 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                 | No action shall be taken involving any personal risk  |

## Section 4. First aid measures

|  |  |
|--|--|
| Tag (N-term)                                   | 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. |

## Section 5. Fire-fighting measures

|   |             |
|---|-------------|
| 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

#### 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. |

## Section 5. Fire-fighting measures

### 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. |
| 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. |

## Section 5. Fire-fighting measures

|   |  |   |
|---|--|---|
| <b>Special protective equipment for fire-fighters</b> | : 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 pressure mode. |
|   | SureVector GFP 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 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. |
| 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   |

## Section 6. Accidental release measures

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

## Section 6. Accidental release measures

|   |   |
|---|---|
| SureVector HIS3 Yeast Selectable Marker       | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureVector Hygromycin Yeast Selectable Marker | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureVector LacZ Control (N-term)              | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |

### 6.2 Environmental precautions

|  |   |
|--|---|
| : SureVector GAL1 Yeast Promoter               | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureVector CUP1 Yeast Promoter                 | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureVector ADH1 Yeast Promoter                 | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureVector FLAG® 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.   |

## Section 6. Accidental release measures

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

### 6.3 Methods and materials for containment and cleaning up

|                                |  |   |
|--------------------------------|--|---|
| <b>Methods for cleaning up</b> | : 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   |

## Section 6. Accidental release measures

|   |   |
|---|---|
|   | 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. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureVector URA3 Yeast Selectable Marker       | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureVector HIS3 Yeast Selectable Marker       | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureVector Hygromycin Yeast Selectable Marker | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureVector LacZ 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

|                            |   |  |   |
|----------------------------|---|--|---|
| <b>Protective measures</b> | : | 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                | Put on appropriate personal protective equipment                  |

## Section 7. Handling and storage

|  |   |
|--|---|
| Tag (N-term)                                   | (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).   |
| <b>Advice on general occupational hygiene</b>  |   |
| : 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   |

## Section 7. Handling and storage

|   |   |
|---|---|
| SureVector SBP Yeast Expression Tag (N-term)  | processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureVector URA3 Yeast Selectable Marker       | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureVector HIS3 Yeast Selectable Marker       | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureVector Hygromycin Yeast Selectable Marker | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureVector LacZ 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. See Section 10 for incompatible materials before handling or use. |
| 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   |

## Section 7. Handling and storage

|  |  |
|--|--|
| SureVector ADH1 Yeast Promoter                 | containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. 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. See Section 10 for incompatible materials before handling or use. |
| SureVector FLAG® 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. See Section 10 for incompatible materials before handling or use.   |
| 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. See Section 10 for incompatible materials before handling or use.   |
| 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. See Section 10 for incompatible materials before handling or use.   |
| 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. See Section 10 for incompatible materials before handling or use.   |
| SureVector HIS6 Yeast Expression Tag (N-term)  | Store in accordance with local regulations. Store in original container protected from direct sunlight in a  |

## Section 7. Handling and storage

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

## Section 7. Handling and storage

to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 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. |
| 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 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 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

| Ingredient name | Exposure limits |
|-----------------|-----------------|
| None.           |                 |

#### Biological exposure indices

No exposure indices known.

### 8.2 Exposure controls

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

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

#### Individual protection measures

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

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

#### Skin protection

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

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

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

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

## Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 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 Liquid.  
 Tag (N-term)

## Section 9. Physical and chemical properties and safety characteristics

|              |  |                |
|--------------|--|----------------|
|              | 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.        |
| <b>Color</b> | SureVector LacZ Control (N-term)               | Liquid.        |
|              | 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. |
| <b>Odor</b>  | SureVector LacZ Control (N-term)               | Not available. |
|              | 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 9. Physical and chemical properties and safety characteristics

|                                     |   |  |                |
|-------------------------------------|---|--|----------------|
| <b>Odor threshold</b>               | : | 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. |
| <b>pH</b>                           | : | 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              |
| <b>Melting point/freezing point</b> | : | 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                          | 0°C (32°F)     |

## Section 9. Physical and chemical properties and safety characteristics

|  |  |                |
|--|--|----------------|
|  | Selectable Marker                              |                |
|  | 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)     |
| <b>Boiling point, initial boiling point, and boiling range</b> | : 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)  |
|  | 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)  |
| <b>Flash point</b>   | : 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. |
| <b>Evaporation rate</b>  | : 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. |

## Section 9. Physical and chemical properties and safety characteristics

|   |  |                 |
|---|--|-----------------|
|   | 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.  |
| <b>Flammability</b>                                       | SureVector LacZ Control (N-term)               | Not available.  |
|   | 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. |
| <b>Lower and upper explosion limit/flammability limit</b> | 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** :

**Section 9. Physical and chemical properties and safety characteristics**

| Ingredient name                                       | Vapor Pressure at 20°C |     |        | Vapor pressure at 50°C |      |        |
|---|------------------------|-----|--------|------------------------|------|--------|
|   | mm Hg                  | kPa | Method | mm Hg                  | kPa  | Method |
| <b>SureVector GAL1 Yeast Promoter</b>                 |                        |     |        |                        |      |        |
| water   | 23.8                   | 3.2 |        | 92.258                 | 12.3 |        |
| <b>SureVector CUP1 Yeast Promoter</b>                 |                        |     |        |                        |      |        |
| water   | 23.8                   | 3.2 |        | 92.258                 | 12.3 |        |
| <b>SureVector ADH1 Yeast Promoter</b>                 |                        |     |        |                        |      |        |
| water   | 23.8                   | 3.2 |        | 92.258                 | 12.3 |        |
| <b>SureVector FLAG® Yeast Expression Tag (N-term)</b> |                        |     |        |                        |      |        |
| water   | 23.8                   | 3.2 |        | 92.258                 | 12.3 |        |
| <b>SureVector GFP Yeast Expression Tag (N-term)</b>   |                        |     |        |                        |      |        |
| water   | 23.8                   | 3.2 |        | 92.258                 | 12.3 |        |
| <b>SureVector HA Yeast Expression Tag (N-term)</b>    |                        |     |        |                        |      |        |
| water   | 23.8                   | 3.2 |        | 92.258                 | 12.3 |        |
| <b>SureVector c-Myc Yeast Expression Tag (N-term)</b> |                        |     |        |                        |      |        |
| water   | 23.8                   | 3.2 |        | 92.258                 | 12.3 |        |
| <b>SureVector HIS6 Yeast Expression Tag (N-term)</b>  |                        |     |        |                        |      |        |
| water   | 23.8                   | 3.2 |        | 92.258                 | 12.3 |        |
| <b>SureVector SBP Yeast Expression Tag (N-term)</b>   |                        |     |        |                        |      |        |

## Section 9. Physical and chemical properties and safety characteristics

|  |      |     |  |        |      |  |
|--|------|-----|--|--------|------|--|
| water  | 23.8 | 3.2 |  | 92.258 | 12.3 |  |
| <b>SureVector URA3 Yeast Selectable Marker</b>       |      |     |  |        |      |  |
| water  | 23.8 | 3.2 |  | 92.258 | 12.3 |  |
| <b>SureVector HIS3 Yeast Selectable Marker</b>       |      |     |  |        |      |  |
| water  | 23.8 | 3.2 |  | 92.258 | 12.3 |  |
| <b>SureVector Hygromycin Yeast Selectable Marker</b> |      |     |  |        |      |  |
| water  | 23.8 | 3.2 |  | 92.258 | 12.3 |  |
| <b>SureVector LacZ Control (N-term)</b>              |      |     |  |        |      |  |
| water  | 23.8 | 3.2 |  | 92.258 | 12.3 |  |

**Relative vapor density**

- : 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**

- : 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 Not available.

## Section 9. Physical and chemical properties and safety characteristics

|  |                |
|--|----------------|
| Expression Tag (N-term)<br>SureVector HIS6 Yeast                           | Not available. |
| Expression Tag (N-term)<br>SureVector SBP Yeast Expression<br>Tag (N-term) | Not available. |
| SureVector URA3 Yeast<br>Selectable Marker                                 | Not available. |
| SureVector HIS3 Yeast Selectable<br>Marker                                 | Not available. |
| SureVector Hygromycin Yeast<br>Selectable Marker                           | Not available. |
| SureVector LacZ Control (N-term)   | Not available. |

### Solubility(ies)

| Media  | Result  |
|--|---------|
| <b>SureVector GAL1 Yeast Promoter</b><br>water                 | Soluble |
| <b>SureVector CUP1 Yeast Promoter</b><br>water                 | Soluble |
| <b>SureVector ADH1 Yeast Promoter</b><br>water                 | Soluble |
| <b>SureVector FLAG® Yeast Expression Tag (N-term)</b><br>water | Soluble |
| <b>SureVector GFP Yeast Expression Tag (N-term)</b><br>water   | Soluble |
| <b>SureVector HA Yeast Expression Tag (N-term)</b><br>water    | Soluble |
| <b>SureVector c-Myc Yeast Expression Tag (N-term)</b><br>water | Soluble |
| <b>SureVector HIS6 Yeast Expression Tag (N-term)</b><br>water  | Soluble |
| <b>SureVector SBP Yeast Expression Tag (N-term)</b><br>water   | Soluble |
| <b>SureVector URA3 Yeast Selectable Marker</b><br>water        | Soluble |
| <b>SureVector HIS3 Yeast Selectable Marker</b><br>water        | Soluble |
| <b>SureVector Hygromycin Yeast Selectable Marker</b><br>water  | Soluble |
| <b>SureVector LacZ Control (N-term)</b><br>water               | Soluble |

## Section 9. Physical and chemical properties and safety characteristics

|  |                |  |                 |
|--|----------------|--|-----------------|
| <b>Partition coefficient: n-octanol/water</b>  | :              | 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. |
|  |                | 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. |  |                 |
| <b>Decomposition temperature</b>               | :              | 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                          | Not available.  |

## Section 9. Physical and chemical properties and safety characteristics

|                  |  |                |
|------------------|--|----------------|
|                  | Selectable Marker                              |                |
|                  | SureVector HIS3 Yeast Selectable Marker        | Not available. |
|                  | SureVector Hygromycin Yeast Selectable Marker  | Not available. |
|                  | SureVector LacZ Control (N-term)               | Not available. |
| <b>Viscosity</b> | : 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. |

### Particle characteristics

#### Median particle size

|  |  |                 |
|--|--|-----------------|
|  | : 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 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. |
| 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. |

## Section 10. Stability and reactivity

|  |   |
|--|---|
| Tag (N-term)                                   | 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. |
| 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. |

|                                 |   |  |                   |
|---------------------------------|---|--|-------------------|
| <b>10.4 Conditions to avoid</b> | : | 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. |

|                                    |   |  |  |
|------------------------------------|---|--|--|
| <b>10.5 Incompatible materials</b> | : | SureVector GAL1 Yeast Promoter                 | May react or be incompatible with oxidizing materials. |
|                                    |   | SureVector CUP1 Yeast Promoter                 | May react or be incompatible with oxidizing materials. |
|                                    |   | SureVector ADH1 Yeast Promoter                 | May react or be incompatible with oxidizing materials. |
|                                    |   | SureVector FLAG® Yeast Expression Tag (N-term) | May react or be incompatible with oxidizing materials. |
|                                    |   | SureVector GFP Yeast Expression Tag (N-term)   | May react or be incompatible with oxidizing materials. |
|                                    |   | SureVector HA Yeast Expression Tag (N-term)    | May react or be incompatible with oxidizing materials. |
|                                    |   | SureVector c-Myc Yeast Expression Tag (N-term) | May react or be incompatible with oxidizing materials. |
|                                    |   | SureVector HIS6 Yeast Expression Tag (N-term)  | May react or be incompatible with oxidizing materials. |
|                                    |   | SureVector SBP Yeast Expression Tag (N-term)   | May react or be incompatible with oxidizing materials. |

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|  |  |
|--|--|
| SureVector URA3 Yeast Selectable Marker        | May react or be incompatible with oxidizing materials.   |
| SureVector HIS3 Yeast Selectable Marker        | May react or be incompatible with oxidizing materials.   |
| SureVector Hygromycin Yeast Selectable Marker  | May react or be incompatible with oxidizing materials.   |
| SureVector LacZ Control (N-term)               | May react or be incompatible with oxidizing materials.   |
| <b>10.6 Hazardous decomposition products</b>   |  |
| : 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

## Section 11. Toxicological information

Not available.

### Mutagenicity

**Conclusion/Summary** : Not available.

### Carcinogenicity

**Conclusion/Summary** : Not available.

### Reproductive toxicity

**Conclusion/Summary** : Not available.

### Teratogenicity

**Conclusion/Summary** : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

|   |                                  |                |
|---|----------------------------------|----------------|
| <b>Information on the likely routes of exposure</b> | : SureVector GAL1 Yeast Promoter | Not available. |
|   | SureVector CUP1 Yeast Promoter   | Not available. |
|   | SureVector ADH1 Yeast Promoter   | Not available. |
|   | SureVector FLAG® Yeast           | Not available. |
|   | Expression Tag (N-term)          |                |
|   | SureVector GFP Yeast Expression  | Not available. |
|   | Tag (N-term)                     |                |
|   | SureVector HA Yeast Expression   | Not available. |
|   | Tag (N-term)                     |                |
|   | SureVector c-Myc Yeast           | Not available. |
|   | Expression Tag (N-term)          |                |
|   | SureVector HIS6 Yeast            | Not available. |
|   | Expression Tag (N-term)          |                |
|   | SureVector SBP Yeast Expression  | Not available. |
| Tag (N-term)  |                                  |                |
| SureVector URA3 Yeast                               | Not available.                   |                |
| Selectable Marker                                   |                                  |                |
| SureVector HIS3 Yeast Selectable                    | Not available.                   |                |
| Marker  |                                  |                |
| SureVector Hygromycin Yeast                         | Not available.                   |                |
| Selectable Marker                                   |                                  |                |
| 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           | No known significant effects or critical hazards. |
| Expression Tag (N-term)          |   |
| SureVector GFP Yeast Expression  | No known significant effects or critical hazards. |
| Tag (N-term)                     |   |
| SureVector HA Yeast Expression   | No known significant effects or critical hazards. |
| Tag (N-term)                     |   |
| SureVector c-Myc Yeast           | No known significant effects or critical hazards. |
| Expression Tag (N-term)          |   |
| SureVector HIS6 Yeast            | No known significant effects or critical hazards. |
| Expression Tag (N-term)          |   |
| 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. |
| <b>Inhalation</b>   | : 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. |
| <b>Skin contact</b> | : 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. |
| <b>Ingestion</b>    | : 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                 | 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. |

### 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. |

## Section 11. Toxicological information

|                                  |                                    |                   |
|----------------------------------|------------------------------------|-------------------|
|                                  | SureVector LacZ Control (N-term)   | No specific data. |
| <b>Skin contact</b>              | : SureVector GAL1 Yeast Promoter   | No specific data. |
|                                  | SureVector CUP1 Yeast Promoter     | No specific data. |
|                                  | SureVector ADH1 Yeast Promoter     | No specific data. |
|                                  | SureVector FLAG® Yeast             | No specific data. |
|                                  | Expression Tag (N-term)            |                   |
|                                  | SureVector GFP Yeast Expression    | No specific data. |
|                                  | Tag (N-term)                       |                   |
|                                  | SureVector HA Yeast Expression     | No specific data. |
|                                  | Tag (N-term)                       |                   |
|                                  | SureVector c-Myc Yeast             | No specific data. |
|                                  | Expression Tag (N-term)            |                   |
|                                  | SureVector HIS6 Yeast              | No specific data. |
|                                  | Expression Tag (N-term)            |                   |
|                                  | SureVector SBP Yeast Expression    | No specific data. |
|                                  | Tag (N-term)                       |                   |
|                                  | SureVector URA3 Yeast              | No specific data. |
|                                  | Selectable Marker                  |                   |
|                                  | SureVector HIS3 Yeast Selectable   | No specific data. |
|                                  | Marker                             |                   |
| SureVector Hygromycin Yeast      | No specific data.                  |                   |
| Selectable Marker                |                                    |                   |
| <b>Ingestion</b>                 | : SureVector LacZ Control (N-term) | No specific data. |
|                                  | SureVector GAL1 Yeast Promoter     | No specific data. |
|                                  | SureVector CUP1 Yeast Promoter     | No specific data. |
|                                  | SureVector ADH1 Yeast Promoter     | No specific data. |
|                                  | SureVector FLAG® Yeast             | No specific data. |
|                                  | Expression Tag (N-term)            |                   |
|                                  | SureVector GFP Yeast Expression    | No specific data. |
|                                  | Tag (N-term)                       |                   |
|                                  | SureVector HA Yeast Expression     | No specific data. |
|                                  | Tag (N-term)                       |                   |
|                                  | SureVector c-Myc Yeast             | No specific data. |
|                                  | Expression Tag (N-term)            |                   |
|                                  | SureVector HIS6 Yeast              | No specific data. |
|                                  | Expression Tag (N-term)            |                   |
|                                  | SureVector SBP Yeast Expression    | No specific data. |
|                                  | Tag (N-term)                       |                   |
|                                  | SureVector URA3 Yeast              | No specific data. |
|                                  | Selectable Marker                  |                   |
|                                  | SureVector HIS3 Yeast Selectable   | No specific data. |
| Marker                           |                                    |                   |
| SureVector Hygromycin Yeast      | No specific data.                  |                   |
| Selectable Marker                |                                    |                   |
| 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

|  |  |   |   |
|--|--|---|---|
| <b>General</b>                                 | : 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. |   |
|  | <b>Carcinogenicity</b>                         | : 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. |   |
| <b>Mutagenicity</b>                            |  | : 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                          | No known significant effects or critical hazards. |   |

## Section 11. Toxicological information

|                              |  |   |
|------------------------------|--|---|
|                              | Selectable Marker                              |   |
|                              | 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. |
| <b>Reproductive toxicity</b> | : 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. |

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## 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<sub>oc</sub>)** : Not available.

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

## Section 13. Disposal considerations

### 13.1 Waste treatment methods

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

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

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

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

## Section 14. Transport information

**DOT / TDG / Mexico / IMDG / IATA** : Not regulated.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not available.

## Section 15. Regulatory information

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

**U.S. Federal regulations** : **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined  
**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](#)

## Section 15. Regulatory information

No products were found.

**SARA 304 RQ** : Not applicable.

### **SARA 311/312**

**Classification** :

|  |                 |
|--|-----------------|
| 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. |

### **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**

This product does not require a Safe Harbor warning under California Prop. 65.

### **International regulations**

#### **Chemical Weapon Convention List Schedules I, II & III Chemicals**

Not listed.

#### **Montreal Protocol**

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** : Not determined.

**Canada** : Not determined.

**China** : All components are listed or exempted.

**Eurasian Economic Union** : **Russian Federation inventory**: Not determined.

**Japan** : **Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: All components are listed or exempted.

## Section 15. Regulatory information

|                          |  |
|--------------------------|--|
| <b>New Zealand</b>       | : Not determined.  |
| <b>Philippines</b>       | : Not determined.  |
| <b>Republic of Korea</b> | : Not determined.  |
| <b>Taiwan</b>            | : All components are listed or exempted.                                     |
| <b>Thailand</b>          | : Not determined.  |
| <b>Turkey</b>            | : Not determined.  |
| <b>United States</b>     | : <input checked="" type="checkbox"/> All components are active or exempted. |
| <b>Viet Nam</b>          | : Not determined.  |

## Section 16. Other information

### Procedure used to derive the classification

| Classification  | Justification |
|-----------------|---------------|
| Not classified. |               |

### History

|                               |              |
|-------------------------------|--------------|
| <b>Date of issue</b>          | : 09/15/2022 |
| <b>Date of previous issue</b> | : 11/24/2019 |
| <b>Version</b>                | : 4          |

### Key to abbreviations

|               |  |
|---------------|--|
| <b>ATE</b>    | = Acute Toxicity Estimate  |
| <b>BCF</b>    | = Bioconcentration Factor  |
| <b>GHS</b>    | = Globally Harmonized System of Classification and Labelling of Chemicals  |
| <b>IATA</b>   | = International Air Transport Association  |
| <b>IBC</b>    | = Intermediate Bulk Container  |
| <b>IMDG</b>   | = International Maritime Dangerous Goods   |
| <b>LogPow</b> | = logarithm of the octanol/water partition coefficient   |
| <b>MARPOL</b> | = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) |
| <b>N/A</b>    | = Not available  |
| <b>UN</b>     | = United Nations   |

Indicates information that has changed from previously issued version.

### Notice to reader

**Disclaimer:** The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.