Section 1. Identification

1.1 Product identifier
Product name: Rapid Excision Kit, Part Number 211204
Part no. (chemical kit): 211204
Part no.: XPORT E. coli Host Strain 200310-81
XLOLR E. coli Strain 200304-81
704 helper phage 200254-81

Validation date: 4/1/2020

1.2 Relevant identified uses of the substance or mixture and uses advised against
Material uses: Analytical reagent.

XPORT E. coli Host Strain 0.5 ml
XLOLR E. coli Strain 0.5 ml
704 helper phage 1 ml (≥1.0x10E8 pfu/ml)

1.3 Details of the supplier of the safety data sheet
Supplier/Manufacturer: Agilent Technologies, Inc.
5301 Stevens Creek Blvd
Santa Clara, CA 95051, USA
800-227-9770

1.4 Emergency telephone number
In case of emergency: CHEMTREC®: 1-800-424-9300

Section 2. Hazards identification

2.1 Classification of the substance or mixture
OSHA/HCS status: XPORT E. coli Host Strain
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
XLOLR E. coli Strain
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
704 helper phage
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

XPORT E. coli Host Strain
H320 EYE IRRITATION - Category 2B

XLOLR E. coli Strain
H319 EYE IRRITATION - Category 2A

2.2 GHS label elements
Hazard pictograms: XLOLR E. coli Strain

Date of issue: 04/01/2020
Section 2. Hazards identification

**Signal word**
- XPORT E. coli Host Strain: Warning
- XLOLR E. coli Strain: Warning
- 704 helper phage: No signal word.

**Hazard statements**
- XPORT E. coli Host Strain: H320 - Causes eye irritation.
- XLOLR E. coli Strain: H319 - Causes serious eye irritation.
- 704 helper phage: No known significant effects or critical hazards.

**Precautionary statements**

**Prevention**
- XPORT E. coli Host Strain: Not applicable.
- XLOLR E. coli Strain: P280 - Wear eye or face protection.
- 704 helper phage: Not applicable.

**Response**
- XPORT E. coli Host Strain: P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- XLOLR E. coli Strain: P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- 704 helper phage: Not applicable.

**Storage**
- XPORT E. coli Host Strain: Not applicable.
- XLOLR E. coli Strain: Not applicable.
- 704 helper phage: Not applicable.

**Disposal**
- XPORT E. coli Host Strain: Not applicable.
- XLOLR E. coli Strain: Not applicable.
- 704 helper phage: Not applicable.

**Supplemental label elements**
- XPORT E. coli Host Strain: None known.
- XLOLR E. coli Strain: None known.
- 704 helper phage: None known.

2.3 Other hazards

**Hazards not otherwise classified**
- XPORT E. coli Host Strain: None known.
- XLOLR E. coli Strain: None known.
- 704 helper phage: None known.

Section 3. Composition/information on ingredients

**Substance/mixture**
- XPORT E. coli Host Strain: Mixture
- XLOLR E. coli Strain: Mixture
- 704 helper phage: Mixture

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>≥10 - ≤25</td>
<td>56-81-5</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>≥10 - ≤25</td>
<td>56-81-5</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>≤3</td>
<td>7647-14-5</td>
</tr>
</tbody>
</table>

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

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

Date of issue : 04/01/2020
### Section 4. First aid measures

#### 4.1 Description of necessary first aid measures

<table>
<thead>
<tr>
<th>Condition</th>
<th>Agent</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td>XPORT E. coli Host Strain</td>
<td>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.</td>
</tr>
<tr>
<td></td>
<td>XLORR E. coli Strain</td>
<td>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.</td>
</tr>
<tr>
<td></td>
<td>704 helper phage</td>
<td>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.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>XPORT E. coli Host Strain</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</td>
</tr>
<tr>
<td></td>
<td>XLORR E. coli Strain</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</td>
</tr>
<tr>
<td></td>
<td>704 helper phage</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>XPORT E. coli Host Strain</td>
<td>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.</td>
</tr>
<tr>
<td></td>
<td>XLORR E. coli Strain</td>
<td>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.</td>
</tr>
<tr>
<td></td>
<td>704 helper phage</td>
<td>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.</td>
</tr>
</tbody>
</table>
Section 4. First aid measures

Ingestion: XPORT E. coli Host Strain
- Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

XLOLR E. coli Strain
- Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact: XPORT E. coli Host Strain
- Causes eye irritation.

XLOLR E. coli Strain
- Causes serious eye irritation.

704 helper phage
- No known significant effects or critical hazards.

Inhalation: XPORT E. coli Host Strain
- No known significant effects or critical hazards.

XLOLR E. coli Strain
- No known significant effects or critical hazards.

704 helper phage
- No known significant effects or critical hazards.

Skin contact: XPORT E. coli Host Strain
- No known significant effects or critical hazards.

XLOLR E. coli Strain
- No known significant effects or critical hazards.

704 helper phage
- No known significant effects or critical hazards.

Ingestion: XPORT E. coli Host Strain
- No known significant effects or critical hazards.

XLOLR E. coli Strain
- No known significant effects or critical hazards.

704 helper phage
- No known significant effects or critical hazards.

Over-exposure signs/symptoms
Section 4. First aid measures

| Eye contact | XPORT E. coli Host Strain | Adverse symptoms may include the following: irritation, watering, redness |
| XLOLR E. coli Strain | Adverse symptoms may include the following: pain or irritation, watering, redness |
| 704 helper phage | No specific data. |

| Inhalation | XPORT E. coli Host Strain | No specific data. |
| XLOLR E. coli Strain | No specific data. |
| 704 helper phage | No specific data. |

| Skin contact | XPORT E. coli Host Strain | No specific data. |
| XLOLR E. coli Strain | No specific data. |
| 704 helper phage | No specific data. |

| Ingestion | XPORT E. coli Host Strain | No specific data. |
| XLOLR E. coli Strain | No specific data. |
| 704 helper phage | No specific data. |

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

| Notes to physician | XPORT E. coli Host Strain | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| XLOLR E. coli Strain | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| 704 helper phage | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |

| Specific treatments | XPORT E. coli Host Strain | No specific treatment. |
| XLOLR E. coli Strain | No specific treatment. |
| 704 helper phage | No specific treatment. |

| Protection of first-aiders | XPORT E. coli Host Strain | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |
| XLOLR E. coli Strain | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |
| 704 helper phage | 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 | XPORT E. coli Host Strain | Use an extinguishing agent suitable for the surrounding fire. |
| XLOLR E. coli Strain | Use an extinguishing agent suitable for the surrounding fire. |
| 704 helper phage | Use an extinguishing agent suitable for the surrounding fire. |
## 5. Fire-fighting measures

### Unsuitable extinguishing media

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Unsuitable Media</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>None known.</td>
<td></td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>None known.</td>
<td></td>
</tr>
<tr>
<td>704 helper phage</td>
<td>None known.</td>
<td></td>
</tr>
</tbody>
</table>

### 5.2 Special hazards arising from the substance or mixture

#### Specific hazards arising from the chemical

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
</tr>
</tbody>
</table>

#### Hazardous thermal decomposition products

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, halogenated compounds, metal oxide/oxides.</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>No specific data.</td>
</tr>
</tbody>
</table>

### 5.3 Advice for firefighters

#### Special protective actions for firefighters

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>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.</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>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.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>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.</td>
</tr>
</tbody>
</table>

#### Special protective equipment for firefighters

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</td>
</tr>
</tbody>
</table>

**Date of issue:** 04/01/2020
Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

- **XPORT E. coli Host Strain**: 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

- **XLOLR E. coli Strain**: 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

- **704 helper phage**: 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).

For emergency responders:

- **XPORT E. coli Host Strain**: 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".

- **XLOLR E. coli Strain**: 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".

- **704 helper phage**: 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).

6.2 Environmental precautions:

- **XPORT E. coli Host Strain**: 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).

- **XLOLR E. coli Strain**: 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).

- **704 helper phage**: 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
Section 6. Accidental release measures

Methods for cleaning up

<table>
<thead>
<tr>
<th>Product</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>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.</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>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.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>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.</td>
</tr>
</tbody>
</table>

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures

<table>
<thead>
<tr>
<th>Product</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>Put on appropriate personal protective equipment (see Section 8).</td>
</tr>
</tbody>
</table>

Advice on general occupational hygiene

<table>
<thead>
<tr>
<th>Product</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>Potentially biohazardous material. 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.</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>Potentially biohazardous material. 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.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>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.</td>
</tr>
</tbody>
</table>
Section 7. Handling and storage

7.2 Conditions for safe storage, including any incompatibilities

- **XPORT E. coli Host Strain**
  - 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.

- **XLOLR E. coli Strain**
  - 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.

- **704 helper phage**
  - 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.

7.3 Specific end use(s)

**Recommendations**

- **XPORT E. coli Host Strain**
  - Industrial applications, Professional applications.

- **XLOLR E. coli Strain**
  - Industrial applications, Professional applications.

- **704 helper phage**
  - Industrial applications, Professional applications.

**Industrial sector specific solutions**

- **XPORT E. coli Host Strain**
  - Not applicable.

- **XLOLR E. coli Strain**
  - Not applicable.

- **704 helper phage**
  - Not applicable.

Section 8. Exposure controls/personal protection

8.1 Control parameters

**Occupational exposure limits**

Date of issue: 04/01/2020
### Ingredient name

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m³ 8 hours. Form: Respirable fraction</td>
</tr>
<tr>
<td></td>
<td>TWA: 10 mg/m³ 8 hours. Form: Total dust</td>
</tr>
<tr>
<td>Glycerol</td>
<td>OSHA PEL (United States, 5/2018). TWA: 5 mg/m³ 8 hours. Form: Respirable fraction</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m³ 8 hours. Form: Respirable fraction</td>
</tr>
<tr>
<td>Glycerol</td>
<td>OSHA PEL (United States, 5/2018). TWA: 5 mg/m³ 8 hours. Form: Respirable fraction</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>None.</td>
</tr>
</tbody>
</table>

### 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:** Handle as biohazard material (Biosafety level 1). 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: chemical splash goggles.

**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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**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.

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**Date of issue:** 04/01/2020
Section 8. Exposure controls/personal protection

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

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: XPORTE. coli Host Strain Liquid.
XLOOR E. coli Strain Liquid.
704 helper phage Liquid.

Color: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage Not available.

Odor: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage Not available.

Odor threshold: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage Not available.

pH: XPORTE. coli Host Strain 7
XLOOR E. coli Strain 7
704 helper phage 7.5

Melting point: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage 0°C (32°F)

Boiling point: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage 100°C (212°F)

Flash point: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage Not applicable.

Evaporation rate: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage Not available.

Flammability (solid, gas): XPORTE. coli Host Strain Not applicable.
XLOOR E. coli Strain Not applicable.
704 helper phage Not applicable.

Lower and upper explosive (flammable) limits: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage Not available.

Vapor pressure: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage Not available.

Vapor density: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage Not available.

Relative density: XPORTE. coli Host Strain Not available.
XLOOR E. coli Strain Not available.
704 helper phage Not available.
Section 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>XPORT E. coli Host Strain</th>
<th>XLOLR E. coli Strain</th>
<th>704 helper phage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Solubility</strong></td>
<td>Easily soluble in the following materials: cold water and hot water.</td>
<td>Soluble in the following materials: cold water and hot water.</td>
<td>Easily soluble in the following materials: cold water and hot water.</td>
</tr>
<tr>
<td><strong>Partition coefficient: n-octanol/water</strong></td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Auto-ignition temperature</strong></td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Section 10. Stability and reactivity

10.1 Reactivity

<table>
<thead>
<tr>
<th>XPORT E. coli Host Strain</th>
<th>No specific test data related to reactivity available for this product or its ingredients.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XLOLR E. coli Strain</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
</tr>
</tbody>
</table>

10.2 Chemical stability

<table>
<thead>
<tr>
<th>XPORT E. coli Host Strain</th>
<th>The product is stable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XLOLR E. coli Strain</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>The product is stable.</td>
</tr>
</tbody>
</table>

10.3 Possibility of hazardous reactions

<table>
<thead>
<tr>
<th>XPORT E. coli Host Strain</th>
<th>Under normal conditions of storage and use, hazardous reactions will not occur.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XLOLR E. coli Strain</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
</tr>
</tbody>
</table>

10.4 Conditions to avoid

<table>
<thead>
<tr>
<th>XPORT E. coli Host Strain</th>
<th>No specific data.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XLOLR E. coli Strain</td>
<td>No specific data.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>No specific data.</td>
</tr>
</tbody>
</table>

10.5 Incompatible materials

<table>
<thead>
<tr>
<th>XPORT E. coli Host Strain</th>
<th>May react or be incompatible with oxidizing materials.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XLOLR E. coli Strain</td>
<td>May react or be incompatible with oxidizing materials.</td>
</tr>
<tr>
<td>704 helper phage</td>
<td>May react or be incompatible with oxidizing materials.</td>
</tr>
</tbody>
</table>

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**Section 10. Stability and reactivity**

10.6 Hazardous decomposition products:
- XPORT E. coli Host Strain
  - Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- XLOLR E. coli Strain
  - Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- 704 helper phage
  - 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**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>Glycerol</td>
<td>Rat</td>
<td>12600 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>Glycerol</td>
<td>Rat</td>
<td>12600 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Sodium chloride</td>
<td>Rat</td>
<td>3000 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

**Irritation/Corrosion**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>Glycerol - Eyes</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500</td>
<td>-</td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>Glycerol - Eyes</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500</td>
<td>-</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>Eyes - Moderate</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 100</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500</td>
<td>-</td>
</tr>
</tbody>
</table>

**Sensitization**

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.

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Section 11. Toxicological information

Specific target organ toxicity (repeated exposure)
Not available.

Aspiration hazard
Not available.

Information on the likely routes of exposure

- **Inhalation**
  - XPORT E. coli Host Strain
  - XLOLR E. coli Strain
  - 704 helper phage
  - Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Eye contact
- XPORT E. coli Host Strain
  - Causes eye irritation.
- XLOLR E. coli Strain
  - Causes serious eye irritation.
- 704 helper phage
  - No known significant effects or critical hazards.

Inhalation
- XPORT E. coli Host Strain
  - No known significant effects or critical hazards.
- XLOLR E. coli Strain
  - No known significant effects or critical hazards.
- 704 helper phage
  - No known significant effects or critical hazards.

Skin contact
- XPORT E. coli Host Strain
  - No known significant effects or critical hazards.
- XLOLR E. coli Strain
  - No known significant effects or critical hazards.
- 704 helper phage
  - No known significant effects or critical hazards.

Ingestion
- XPORT E. coli Host Strain
  - No known significant effects or critical hazards.
- XLOLR E. coli Strain
  - No known significant effects or critical hazards.
- 704 helper phage
  - No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact
- XPORT E. coli Host Strain
  - Adverse symptoms may include the following: irritation, watering, redness.
- XLOLR E. coli Strain
  - Adverse symptoms may include the following: pain or irritation, watering, redness.
- 704 helper phage
  - No specific data.

Inhalation
- XPORT E. coli Host Strain
  - No specific data.
- XLOLR E. coli Strain
  - No specific data.
- 704 helper phage
  - No specific data.

Skin contact
- XPORT E. coli Host Strain
  - No specific data.
- XLOLR E. coli Strain
  - No specific data.
- 704 helper phage
  - No specific data.

Ingestion
- XPORT E. coli Host Strain
  - No specific data.
- XLOLR E. coli Strain
  - No specific data.
- 704 helper phage
  - 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.
Section 11. Toxicological information

Potential delayed effects: Not available.

Potential chronic health effects

General: XPORT E. coli Host Strain
XLOLR E. coli Strain
704 helper phage
No known significant effects or critical hazards.

Carcinogenicity: XPORT E. coli Host Strain
XLOLR E. coli Strain
704 helper phage
No known significant effects or critical hazards.

Mutagenicity: XPORT E. coli Host Strain
XLOLR E. coli Strain
704 helper phage
No known significant effects or critical hazards.

Teratogenicity: XPORT E. coli Host Strain
XLOLR E. coli Strain
704 helper phage
No known significant effects or critical hazards.

Developmental effects: XPORT E. coli Host Strain
XLOLR E. coli Strain
704 helper phage
No known significant effects or critical hazards.

Fertility effects: XPORT E. coli Host Strain
XLOLR E. coli Strain
704 helper phage
No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Oral (mg/kg)</th>
<th>Dermal (mg/kg)</th>
<th>Inhalation (gases) (ppm)</th>
<th>Inhalation (vapors) (mg/l)</th>
<th>Inhalation (dusts and mists) (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>XPORT E. coli Host Strain</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>12600</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>XLOLR E. coli Strain</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>300000</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>12600</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>3000</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Section 12. Ecological information

12.1 Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>XPORT E. coli Host Strain</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>Acute LC50 54000 mg/l Fresh water</td>
<td>Fish - Oncorhynchus mykiss</td>
<td>96 hours</td>
</tr>
<tr>
<td><strong>XLOLR E. coli Strain</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>Acute LC50 54000 mg/l Fresh water</td>
<td>Fish - Oncorhynchus mykiss</td>
<td>96 hours</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>Acute EC50 4.74 g/L Fresh water</td>
<td>Algae - Chlamydomonas reinhardtii</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 519.6 mg/l Fresh water</td>
<td>Crustaceans - Cypris subglobosa</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute IC50 6.87 g/L Fresh water</td>
<td>Aquatic plants - Lemma minor</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 1000000 µg/l Fresh water</td>
<td>Fish - Morone saxatilis - Larvae</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Chronic LC10 781 mg/l Fresh water</td>
<td>Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling, Weanling)</td>
<td>3 weeks</td>
</tr>
</tbody>
</table>

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Section 12. Ecological information

### 12.1 Ecological properties

<table>
<thead>
<tr>
<th>Chemical Properties</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LogP&lt;sub&gt;ow&lt;/sub&gt;</td>
<td></td>
</tr>
<tr>
<td>BCF</td>
<td></td>
</tr>
<tr>
<td>Potential</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.2 Persistence and degradability

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Test</th>
<th>Result</th>
<th>Dose</th>
<th>Inoculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain Glycerol</td>
<td>301D Ready Biodegradability - Closed Bottle Test</td>
<td>93 % - 30 days</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>XLOLR E. coli Strain Glycerol</td>
<td>301D Ready Biodegradability - Closed Bottle Test</td>
<td>93 % - 30 days</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### 12.3 Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogP&lt;sub&gt;ow&lt;/sub&gt;</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain Glycerol</td>
<td>-1.76</td>
<td>-</td>
<td>low</td>
</tr>
<tr>
<td>XLOLR E. coli Strain Glycerol</td>
<td>-1.76</td>
<td>-</td>
<td>low</td>
</tr>
</tbody>
</table>

#### 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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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Section 13. Disposal considerations

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

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

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

Section 14. Transport information

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

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : XPORTE. coli Host Strain
XLOLR E. coli Strain
704 helper phage

Composition/information on ingredients

EYE IRRITATION - Category 2B
EYE IRRITATION - Category 2A
Not applicable.

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Section 15. Regulatory information

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORTE. coli Host Strain</td>
<td>≥10 - ≤25</td>
<td>EYE IRRITATION - Category 2B</td>
</tr>
<tr>
<td>Glycerol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>≥10 - ≤25</td>
<td>EYE IRRITATION - Category 2B</td>
</tr>
<tr>
<td>Glycerol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>≤3</td>
<td>EYE IRRITATION - Category 2A</td>
</tr>
</tbody>
</table>

State regulations

Massachusetts: The following components are listed: GLYCERINE MIST
New York: None of the components are listed.
New Jersey: The following components are listed: GLYCERIN; 1,2,3-PROPanetriol
Pennsylvania: The following components are listed: 1,2,3-PROPanetriol

California Prop. 65

⚠️ WARNING: This product can expose you to Tetracycline, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ingredient name | No significant risk level | Maximum acceptable dosage level |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>XLOLR E. coli Strain</td>
<td>Tetracycline</td>
<td>-</td>
</tr>
</tbody>
</table>

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: All components are listed or exempted.
Canada: Not determined.
China: All components are listed or exempted.
Europe: All components are listed or exempted.
Japan: Japan inventory (ENCS): All components are listed or exempted. Japan inventory (ISHL): All components are listed or exempted.
New Zealand: All components are listed or exempted.
Philippines: Not determined.
Republic of Korea: All components are listed or exempted.
Taiwan: All components are listed or exempted.
Thailand: Not determined.
Turkey: Not determined.

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United States: All components are active or exempted.
Viet Nam: Not determined.

Section 16. Other information

History

Date of issue: 04/01/2020
Date of previous issue: 01/22/2018
Version: 6

Key to abbreviations:
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
N/A = Not available
UN = United Nations

Procedure used to derive the classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPORT E. coli Host Strain</td>
<td>Calculation method</td>
</tr>
<tr>
<td>EYE IRRITATION - Category 2B</td>
<td></td>
</tr>
<tr>
<td>XLOLR E. coli Strain</td>
<td>Calculation method</td>
</tr>
<tr>
<td>EYE IRRITATION - Category 2A</td>
<td></td>
</tr>
</tbody>
</table>

Indicates information that has changed from previously issued version.

Notice to reader

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