Section 1. Identification

1.1 Product identifier
Product name : PathDetect ISRE cis Reporting System, Part Number 219092
Part no. (chemical kit) : 219092
Part no. :
   pISRE-Luc Plasmid 219089-51
   pCIS-CK Negative Control Plasmid 219090-51
Validation date : 12/23/2019

1.2 Relevant identified uses of the substance or mixture and uses advised against
Material uses :
   pISRE-Luc Plasmid 0.05 ml (50 µg 1 µg/µl)
   pCIS-CK Negative Control Plasmid 0.05 ml (50 µg 1 µg/µl)

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 :
   pISRE-Luc Plasmid
   pCIS-CK Negative Control Plasmid

Classification of the substance or mixture
Not classified.

2.2 GHS label elements
Signal word :
   pISRE-Luc Plasmid No signal word.
   pCIS-CK Negative Control Plasmid No signal word.

Hazard statements :
   pISRE-Luc Plasmid No known significant effects or critical hazards.
   pCIS-CK Negative Control Plasmid No known significant effects or critical hazards.

Precautionary statements
Prevention :
   pISRE-Luc Plasmid Not applicable.
   pCIS-CK Negative Control Plasmid Not applicable.
Section 2. Hazards identification

Response:
- pISRE-Luc Plasmid: Not applicable.
- pCIS-CK Negative Control Plasmid: Not applicable.

Storage:
- pISRE-Luc Plasmid: Not applicable.
- pCIS-CK Negative Control Plasmid: Not applicable.

Disposal:
- pISRE-Luc Plasmid: Not applicable.
- pCIS-CK Negative Control Plasmid: Not applicable.

Supplemental label elements:
- pISRE-Luc Plasmid: None known.
- pCIS-CK Negative Control Plasmid: None known.

2.3 Other hazards

Hazards not otherwise classified:
- pISRE-Luc Plasmid: None known.
- pCIS-CK Negative Control Plasmid: None known.

Section 3. Composition/information on ingredients

Substance/mixture:
- pISRE-Luc Plasmid: Mixture
- pCIS-CK Negative Control Plasmid: Mixture

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

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

Section 4. First aid measures

4.1 Description of necessary first aid measures

Eye contact:
- pISRE-Luc Plasmid: 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.
- pCIS-CK Negative Control Plasmid: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation:
- pISRE-Luc Plasmid: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- pCIS-CK Negative Control Plasmid: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact:
- pISRE-Luc Plasmid: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- pCIS-CK Negative Control Plasmid: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion:
- pISRE-Luc Plasmid: 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.
- pCIS-CK Negative Control Plasmid: 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.

Date of issue: 12/23/2019
Section 4. First aid measures

4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

| Eye contact | pISRE-Luc Plasmid | No known significant effects or critical hazards. |
| pCIS-CK Negative Control Plasmid | No known significant effects or critical hazards. |
| Inhalation | pISRE-Luc Plasmid | No known significant effects or critical hazards. |
| pCIS-CK Negative Control Plasmid | No known significant effects or critical hazards. |
| Skin contact | pISRE-Luc Plasmid | No known significant effects or critical hazards. |
| pCIS-CK Negative Control Plasmid | No known significant effects or critical hazards. |
| Ingestion | pISRE-Luc Plasmid | No known significant effects or critical hazards. |
| pCIS-CK Negative Control Plasmid | No known significant effects or critical hazards. |

Over-exposure signs/symptoms

| Eye contact | pISRE-Luc Plasmid | No specific data. |
| pCIS-CK Negative Control Plasmid | No specific data. |
| Inhalation | pISRE-Luc Plasmid | No specific data. |
| pCIS-CK Negative Control Plasmid | No specific data. |
| Skin contact | pISRE-Luc Plasmid | No specific data. |
| pCIS-CK Negative Control Plasmid | No specific data. |
| Ingestion | pISRE-Luc Plasmid | No specific data. |
| pCIS-CK Negative Control Plasmid | No specific data. |

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

Notes to physician

| pISRE-Luc Plasmid | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| pCIS-CK Negative Control Plasmid | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |

Specific treatments

| pISRE-Luc Plasmid | No specific treatment. |

Protection of first-aiders

| pISRE-Luc Plasmid | No action shall be taken involving any personal risk or without suitable training. |
| pCIS-CK Negative Control Plasmid | 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

| pISRE-Luc Plasmid | Use an extinguishing agent suitable for the surrounding fire. |
| pCIS-CK Negative Control Plasmid | Use an extinguishing agent suitable for the surrounding fire. |

Unsuitable extinguishing media

| pISRE-Luc Plasmid | None known. |
| pCIS-CK Negative Control Plasmid | None known. |

5.2 Special hazards arising from the substance or mixture
Section 5. Fire-fighting measures

<table>
<thead>
<tr>
<th>Specific hazards arising from the chemical</th>
<th>pISRE-Luc Plasmid</th>
<th>In a fire or if heated, a pressure increase will occur and the container may burst.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pCIS-CK Negative Control Plasmid</td>
<td></td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous thermal decomposition products</th>
<th>pISRE-Luc Plasmid</th>
<th>No specific data.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pCIS-CK Negative Control Plasmid</td>
<td></td>
<td>No specific data.</td>
</tr>
</tbody>
</table>

5.3 Advice for firefighters

<table>
<thead>
<tr>
<th>Special protective actions for fire-fighters</th>
<th>pISRE-Luc Plasmid</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pCIS-CK Negative Control Plasmid</td>
<td></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>

<table>
<thead>
<tr>
<th>Special protective equipment for fire-fighters</th>
<th>pISRE-Luc Plasmid</th>
<th>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pCIS-CK Negative Control Plasmid</td>
<td></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>

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

<table>
<thead>
<tr>
<th>: pISRE-Luc Plasmid</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pCIS-CK Negative Control Plasmid</td>
<td>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.</td>
</tr>
</tbody>
</table>

For emergency responders

<table>
<thead>
<tr>
<th>: pISRE-Luc Plasmid</th>
<th>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 &quot;For non-emergency personnel&quot;.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pCIS-CK Negative Control Plasmid</td>
<td>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 &quot;For non-emergency personnel&quot;.</td>
</tr>
</tbody>
</table>

6.2 Environmental precautions

<table>
<thead>
<tr>
<th>: pISRE-Luc Plasmid</th>
<th>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).</th>
</tr>
</thead>
<tbody>
<tr>
<td>pCIS-CK Negative Control Plasmid</td>
<td>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).</td>
</tr>
</tbody>
</table>

Date of issue: 12/23/2019
Section 6. Accidental release measures

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up: pISRE-Luc Plasmid
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.

pCIS-CK Negative Control Plasmid
Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures: pISRE-Luc Plasmid
Put on appropriate personal protective equipment (see Section 8).

pCIS-CK Negative Control Plasmid
Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene: pISRE-Luc Plasmid
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.

pCIS-CK Negative Control Plasmid
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: pISRE-Luc Plasmid
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.

pCIS-CK Negative Control Plasmid
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

7.3 Specific end use(s)

Recommendations:
- **pISRE-Luc Plasmid**: Industrial applications, Professional applications.
- **pCIS-CK Negative Control Plasmid**: Industrial applications, Professional applications.

Industrial sector specific solutions:
- **pISRE-Luc Plasmid**: Not applicable.
- **pCIS-CK Negative Control Plasmid**: Not applicable.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>None.</td>
<td></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:
- 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.

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### Section 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>pISRE-Luc Plasmid</th>
<th>pCIS-CK Negative Control Plasmid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical state</strong></td>
<td>Liquid.</td>
<td>Liquid.</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>7.5</td>
<td>7.5</td>
</tr>
<tr>
<td><strong>Melting point</strong></td>
<td>0°C (32°F)</td>
<td>0°C (32°F)</td>
</tr>
<tr>
<td><strong>Boiling point</strong></td>
<td>100°C (212°F)</td>
<td>100°C (212°F)</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Lower and upper explosive (flammable) limits</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Vapor pressure</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Vapor density</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Relative density</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Easily 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>
</tr>
<tr>
<td><strong>Auto-ignition temperature</strong></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>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

### Section 10. Stability and reactivity

#### 10.1 Reactivity

- pISRE-Luc Plasmid: No specific test data related to reactivity available for this product or its ingredients.
- pCIS-CK Negative Control Plasmid: No specific test data related to reactivity available for this product or its ingredients.

#### 10.2 Chemical stability

- pISRE-Luc Plasmid: The product is stable.
- pCIS-CK Negative Control Plasmid: The product is stable.
Section 10. Stability and reactivity

10.3 Possibility of hazardous reactions
- pISRE-Luc Plasmid: Under normal conditions of storage and use, hazardous reactions will not occur.
- pCIS-CK Negative Control Plasmid: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid
- pISRE-Luc Plasmid: No specific data.
- pCIS-CK Negative Control Plasmid: No specific data.

10.5 Incompatible materials
- pISRE-Luc Plasmid: May react or be incompatible with oxidizing materials.
- pCIS-CK Negative Control Plasmid: May react or be incompatible with oxidizing materials.

10.6 Hazardous decomposition products
- pISRE-Luc Plasmid: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- pCIS-CK Negative Control Plasmid: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity
Not available.

Irritation/Corrosion
Not available.

Sensitization
Not available.

Mutagenicity
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.

Information on the likely routes of exposure
- pISRE-Luc Plasmid: Not available.
- pCIS-CK Negative Control Plasmid: Not available.

Potential acute health effects

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Section 11. Toxicological information

Eye contact:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Inhalation:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Skin contact:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Ingestion:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact:
- pISRE-Luc Plasmid: No specific data.
- pCIS-CK Negative Control Plasmid: No specific data.

Inhalation:
- pISRE-Luc Plasmid: No specific data.
- pCIS-CK Negative Control Plasmid: No specific data.

Skin contact:
- pISRE-Luc Plasmid: No specific data.
- pCIS-CK Negative Control Plasmid: No specific data.

Ingestion:
- pISRE-Luc Plasmid: No specific data.
- pCIS-CK Negative Control Plasmid: No specific data.

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

Short term exposure
- Potential immediate effects: Not available.
- Potential delayed effects: Not available.

Long term exposure
- Potential immediate effects: Not available.
- Potential delayed effects: Not available.

Potential chronic health effects

General:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Carcinogenicity:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Mutagenicity:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Teratogenicity:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Developmental effects:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Fertility effects:
- pISRE-Luc Plasmid: No known significant effects or critical hazards.
- pCIS-CK Negative Control Plasmid: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates
- N/A

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Section 12. Ecological information

12.1 Toxicity
Not available.

12.2 Persistence and degradability
Not available.

12.3 Bioaccumulative potential
Not available.

12.4 Mobility in soil
Soil/water partition coefficient ($K_{OC}$) : Not available.

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

Section 13. Disposal considerations

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

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

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

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

Section 14. Transport information

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 Annex II of MARPOL and the IBC Code : Not available.

Date of issue : 12/23/2019
# Section 15. Regulatory information

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

### U.S. Federal regulations

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA 8(a) CDR Exempt/Partial exemption</td>
<td>Not determined</td>
</tr>
<tr>
<td>Clean Water Act (CWA) 311: Edetic acid</td>
<td></td>
</tr>
<tr>
<td>Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)</td>
<td>Not listed</td>
</tr>
<tr>
<td>Clean Air Act Section 602 Class I Substances</td>
<td>Not listed</td>
</tr>
<tr>
<td>Clean Air Act Section 602 Class II Substances</td>
<td>Not listed</td>
</tr>
<tr>
<td>DEA List I Chemicals (Precursor Chemicals)</td>
<td>Not listed</td>
</tr>
<tr>
<td>DEA List II Chemicals (Essential Chemicals)</td>
<td>Not listed</td>
</tr>
<tr>
<td>SARA 302/304</td>
<td></td>
</tr>
<tr>
<td>Composition/information on ingredients</td>
<td></td>
</tr>
<tr>
<td>No products were found.</td>
<td></td>
</tr>
<tr>
<td>SARA 304 RQ</td>
<td>Not applicable</td>
</tr>
<tr>
<td>SARA 311/312</td>
<td></td>
</tr>
<tr>
<td>Classification: pISRE-Luc Plasmid</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pCIS-CK Negative Control Plasmid</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Composition/information on ingredients</td>
<td></td>
</tr>
<tr>
<td>No products were found.</td>
<td></td>
</tr>
</tbody>
</table>

### State regulations

<table>
<thead>
<tr>
<th>State</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Massachusetts</td>
<td>None of the components are listed.</td>
</tr>
<tr>
<td>New York</td>
<td>None of the components are listed.</td>
</tr>
<tr>
<td>New Jersey</td>
<td>None of the components are listed.</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>None of the components are listed.</td>
</tr>
<tr>
<td>California Prop. 65</td>
<td>This product does not require a Safe Harbor warning under California Prop. 65.</td>
</tr>
</tbody>
</table>

### International regulations

<table>
<thead>
<tr>
<th>Convention</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Weapon Convention List Schedules I, II &amp; III Chemicals</td>
<td>Not listed.</td>
</tr>
<tr>
<td>Montreal Protocol</td>
<td>Not listed.</td>
</tr>
<tr>
<td>UNECE Aarhus Protocol on POPs and Heavy Metals</td>
<td>Not listed.</td>
</tr>
</tbody>
</table>

**Date of issue:** 12/23/2019
Section 15. Regulatory information

Inventory list

Australia: All components are listed or exempted.
Canada: All components are listed or exempted.
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: All components are listed or exempted.
Republic of Korea: All components are listed or exempted.
Taiwan: All components are listed or exempted.
Thailand: Not determined.
Turkey: Not determined.
United States: All components are listed or exempted.
Viet Nam: All components are listed or exempted.

Section 16. Other information

History

Date of issue: 12/23/2019
Date of previous issue: 12/31/2017
Version: 3

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>Not classified.</td>
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</tr>
</tbody>
</table>

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.

Date of issue: 12/23/2019