

# SAFETY DATA SHEET

PathDetect DR3 cis Reporting System, Part Number 240115

## Section 1. Identification

### 1.1 Product identifier

**Product name** : PathDetect DR3 cis Reporting System, Part Number 240115  
**Part No. (Chemical Kit)** : 240115  
**Part No.** : pDR3-Luc Plasmid 240116-51  
 pCIS-CK Negative Control Plasmid 219090-51  
**Validation date** : 12/13/2017

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

**Material uses** : Analytical reagent.  
 pDR3-Luc Plasmid 0.05 ml  
 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** : pDR3-Luc Plasmid 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.  
 pCIS-CK Negative Control Plasmid 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** : pDR3-Luc Plasmid No signal word.  
 pCIS-CK Negative Control Plasmid No signal word.  
**Hazard statements** : pDR3-Luc Plasmid No known significant effects or critical hazards.  
 pCIS-CK Negative Control Plasmid No known significant effects or critical hazards.  
**Precautionary statements**  
**Prevention** : pDR3-Luc Plasmid Not applicable.  
 pCIS-CK Negative Control Plasmid Not applicable.

## Section 2. Hazards identification

<b>Response</b>	: pDR3-Luc Plasmid	Not applicable.
	pCIS-CK Negative Control Plasmid	Not applicable.
<b>Storage</b>	: pDR3-Luc Plasmid	Not applicable.
	pCIS-CK Negative Control Plasmid	Not applicable.
<b>Disposal</b>	: pDR3-Luc Plasmid	Not applicable.
	pCIS-CK Negative Control Plasmid	Not applicable.
<b>Supplemental label elements</b>	: pDR3-Luc Plasmid	None known.
	pCIS-CK Negative Control Plasmid	None known.

### 2.3 Other hazards

<b>Hazards not otherwise classified</b>	: pDR3-Luc Plasmid	None known.
	pCIS-CK Negative Control Plasmid	None known.

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: pDR3-Luc Plasmid	Mixture
	pCIS-CK Negative Control Plasmid	Mixture

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

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

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

## Section 4. First aid measures

### 4.1 Description of necessary first aid measures

<b>Eye contact</b>	: pDR3-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.
<b>Inhalation</b>	: pDR3-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.
<b>Skin contact</b>	: pDR3-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.
<b>Ingestion</b>	: pDR3-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

## Section 4. First aid measures

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

<b>Eye contact</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Inhalation</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Skin contact</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Ingestion</b>	: pDR3-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

<b>Eye contact</b>	: pDR3-Luc Plasmid	No specific data.
	pCIS-CK Negative Control Plasmid	No specific data.
<b>Inhalation</b>	: pDR3-Luc Plasmid	No specific data.
	pCIS-CK Negative Control Plasmid	No specific data.
<b>Skin contact</b>	: pDR3-Luc Plasmid	No specific data.
	pCIS-CK Negative Control Plasmid	No specific data.
<b>Ingestion</b>	: pDR3-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

<b>Notes to physician</b>	: pDR3-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.
<b>Specific treatments</b>	: pDR3-Luc Plasmid	No specific treatment.
	pCIS-CK Negative Control Plasmid	No specific treatment.
<b>Protection of first-aiders</b>	: pDR3-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

<b>Suitable extinguishing media</b>	: pDR3-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.
<b>Unsuitable extinguishing media</b>	: pDR3-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

<b>Specific hazards arising from the chemical</b>	: pDR3-Luc Plasmid	In a fire or if heated, a pressure increase will occur and the container may burst.
	pCIS-CK Negative Control Plasmid	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	: pDR3-Luc Plasmid	No specific data.
	pCIS-CK Negative Control Plasmid	No specific data.
<b>5.3 Advice for firefighters</b>		
<b>Special protective actions for fire-fighters</b>	: pDR3-Luc Plasmid	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.
	pCIS-CK Negative Control Plasmid	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.
<b>Special protective equipment for fire-fighters</b>	: pDR3-Luc Plasmid	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	pCIS-CK Negative Control Plasmid	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

<b>For non-emergency personnel</b>	: pDR3-Luc Plasmid	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.
	pCIS-CK Negative Control Plasmid	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>	: pDR3-Luc Plasmid	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".
	pCIS-CK Negative Control Plasmid	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".
<b>6.2 Environmental precautions</b>	: pDR3-Luc Plasmid	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).
	pCIS-CK Negative Control Plasmid	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has

## Section 6. Accidental release measures

caused environmental pollution (sewers, waterways, soil or air).

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

**Methods for cleaning up** : pDR3-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** : pDR3-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** : pDR3-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** : pDR3-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

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)

<b>Recommendations</b>	: pDR3-Luc Plasmid	Industrial applications, Professional applications.
	pCIS-CK Negative Control Plasmid	Industrial applications, Professional applications.
<b>Industrial sector specific solutions</b>	: pDR3-Luc Plasmid	Not applicable.
	pCIS-CK Negative Control Plasmid	Not applicable.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
None.	

### 8.2 Exposure controls

<b>Appropriate engineering controls</b>	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<b>Environmental exposure controls</b>	: 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

<b>Hygiene measures</b>	: 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.
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<b>Eye/face protection</b>	: 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.
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#### Skin protection

<b>Hand protection</b>	: 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.
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<b>Body protection</b>	: 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.
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<b>Other skin protection</b>	: 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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<b>Respiratory protection</b>	: 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

#### Appearance

<b>Physical state</b>	: pDR3-Luc Plasmid	Liquid.
	pCIS-CK Negative Control Plasmid	Liquid.
<b>Color</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Odor</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Odor threshold</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>pH</b>	: pDR3-Luc Plasmid	7.5
	pCIS-CK Negative Control Plasmid	7.5
<b>Melting point</b>	: pDR3-Luc Plasmid	0°C (32°F)
	pCIS-CK Negative Control Plasmid	0°C (32°F)
<b>Boiling point</b>	: pDR3-Luc Plasmid	100°C (212°F)
	pCIS-CK Negative Control Plasmid	100°C (212°F)
<b>Flash point</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Evaporation rate</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Flammability (solid, gas)</b>	: pDR3-Luc Plasmid	Not applicable.
	pCIS-CK Negative Control Plasmid	Not applicable.
<b>Lower and upper explosive (flammable) limits</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Vapor pressure</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Vapor density</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Relative density</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Solubility</b>	: pDR3-Luc Plasmid	Easily soluble in the following materials: cold water and hot water.
	pCIS-CK Negative Control Plasmid	Easily soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/water</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Auto-ignition temperature</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Decomposition temperature</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.
<b>Viscosity</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.

## Section 10. Stability and reactivity

<b>10.1 Reactivity</b>	: pDR3-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.
<b>10.2 Chemical stability</b>	: pDR3-Luc Plasmid	The product is stable.
	pCIS-CK Negative Control Plasmid	The product is stable.

## Section 10. Stability and reactivity

<b>10.3 Possibility of hazardous reactions</b>	: pDR3-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.
<b>10.4 Conditions to avoid</b>	: pDR3-Luc Plasmid	No specific data.
	pCIS-CK Negative Control Plasmid	No specific data.
<b>10.5 Incompatible materials</b>	: pDR3-Luc Plasmid	May react or be incompatible with oxidizing materials.
	pCIS-CK Negative Control Plasmid	May react or be incompatible with oxidizing materials.
<b>10.6 Hazardous decomposition products</b>	: pDR3-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

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

<b>Information on the likely routes of exposure</b>	: pDR3-Luc Plasmid	Not available.
	pCIS-CK Negative Control Plasmid	Not available.



## Section 11. Toxicological information

### Potential acute health effects

<b>Eye contact</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Inhalation</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Skin contact</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Ingestion</b>	: pDR3-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

<b>Eye contact</b>	: pDR3-Luc Plasmid	No specific data.
	pCIS-CK Negative Control Plasmid	No specific data.
<b>Inhalation</b>	: pDR3-Luc Plasmid	No specific data.
	pCIS-CK Negative Control Plasmid	No specific data.
<b>Skin contact</b>	: pDR3-Luc Plasmid	No specific data.
	pCIS-CK Negative Control Plasmid	No specific data.
<b>Ingestion</b>	: pDR3-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

<b>General</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Mutagenicity</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Teratogenicity</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Developmental effects</b>	: pDR3-Luc Plasmid	No known significant effects or critical hazards.
	pCIS-CK Negative Control Plasmid	No known significant effects or critical hazards.
<b>Fertility effects</b>	: pDR3-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

Not available.

## Section 12. Ecological information

### 12.1 Toxicity

Not available.

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<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 Annex II of MARPOL and the IBC Code** : 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

No products were found.

**SARA 304 RQ** : Not applicable.

#### SARA 311/312

**Classification** : pDR3-Luc Plasmid Not applicable.  
pCIS-CK Negative Control Plasmid 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.

#### International regulations

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

Not listed.

##### Montreal Protocol (Annexes A, B, C, E)

Not listed.

##### Stockholm Convention on Persistent Organic Pollutants

Not listed.

##### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

##### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

#### Inventory list

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

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

## Section 15. Regulatory information

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

## Section 16. Other information

### History

<b>Date of issue</b>	: 12/13/2017
<b>Date of previous issue</b>	: 09/02/2015.
<b>Version</b>	: 4

Indicates information that has changed from previously issued version.

### Notice to reader

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