## Section 1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>SureSelect RNA Primer Kit</th>
</tr>
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<tbody>
<tr>
<td>Part No. (Chemical Kit)</td>
<td>5190-5337, 5190-5338</td>
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| Part No. | SureSelect Adaptor Oligo Mix 5190-4932 / 5190-3619  
SureSelect Primer 5190-4933 / 5190-3620  
PCR Primer Index 1 5190-3021 / 5190-3037  
PCR Primer Index 2 5190-3022 / 5190-3038  
PCR Primer Index 3 5190-3023 / 5190-3039  
PCR Primer Index 4 5190-3024 / 5190-3040  
PCR Primer Index 5 5190-3025 / 5190-3041  
PCR Primer Index 6 5190-3026 / 5190-3042  
PCR Primer Index 7 5190-3027 / 5190-3043  
PCR Primer Index 8 5190-3028 / 5190-3044  
PCR Primer Index 9 5190-3029 / 5190-3045  
PCR Primer Index 10 5190-3030 / 5190-3046  
PCR Primer Index 11 5190-3031 / 5190-3047  
PCR Primer Index 12 5190-3032 / 5190-3048  
PCR Primer Index 13 5190-4423 / 5190-4468  
PCR Primer Index 14 5190-4424 / 5190-4469  
PCR Primer Index 15 5190-4425 / 5190-4470  
PCR Primer Index 16 5190-4426 / 5190-4471 |

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

Analytical reagent.

<table>
<thead>
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<th>Part No.</th>
<th>Quantity (ml)</th>
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<tbody>
<tr>
<td>SureSelect Adaptor Oligo Mix</td>
<td>1.2 ml (16 Reactions)</td>
</tr>
<tr>
<td>SureSelect Primer</td>
<td>0.3 ml (16 Reactions)</td>
</tr>
<tr>
<td>PCR Primer Index 1</td>
<td>0.0125 ml - 0.025 ml</td>
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<tr>
<td>PCR Primer Index 2</td>
<td>0.0125 ml - 0.025 ml</td>
</tr>
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<td>PCR Primer Index 3</td>
<td>0.0125 ml - 0.025 ml</td>
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<td>PCR Primer Index 7</td>
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<td>PCR Primer Index 8</td>
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</table>

**Supplier/Manufacturer**  
Agilent Technologies Australia Pty Ltd  
679 Springvale Road  
Mulgrave  
Victoria 3170, Australia  
1800 802 402

**Emergency telephone number (with hours of operation)**  
CHEMTREC®: (61)-290372994

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**Date of issue/Date of revision**: 03/02/2016  
**Date of previous issue**: 14/04/2014  
**Version**: 3  
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Section 2. Hazard(s) identification

Classification of the substance or mixture

Not classified.

<table>
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<tr>
<th>Product</th>
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<td>SureSelect Primer</td>
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<td>PCR Primer Index 2</td>
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<td>PCR Primer Index 16</td>
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GHS label elements

Signal word:

No signal word.
Section 2. Hazard(s) Identification

**Hazard statements**

- **SureSelect Adaptor Oligo Mix**: No known significant effects or critical hazards.
- **SureSelect Primer**: No known significant effects or critical hazards.
- **PCR Primer Index 1**: No known significant effects or critical hazards.
- **PCR Primer Index 2**: No known significant effects or critical hazards.
- **PCR Primer Index 3**: No known significant effects or critical hazards.
- **PCR Primer Index 4**: No known significant effects or critical hazards.
- **PCR Primer Index 5**: No known significant effects or critical hazards.
- **PCR Primer Index 6**: No known significant effects or critical hazards.
- **PCR Primer Index 7**: No known significant effects or critical hazards.
- **PCR Primer Index 8**: No known significant effects or critical hazards.
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- **PCR Primer Index 10**: No known significant effects or critical hazards.
- **PCR Primer Index 11**: No known significant effects or critical hazards.
- **PCR Primer Index 12**: No known significant effects or critical hazards.
- **PCR Primer Index 13**: No known significant effects or critical hazards.
- **PCR Primer Index 14**: No known significant effects or critical hazards.
- **PCR Primer Index 15**: No known significant effects or critical hazards.
- **PCR Primer Index 16**: No known significant effects or critical hazards.

**Precautionary statements**

**Prevention**

- **SureSelect Adaptor Oligo Mix**: Not applicable.
- **SureSelect Primer**: Not applicable.
- **PCR Primer Index 1**: Not applicable.
- **PCR Primer Index 2**: Not applicable.
- **PCR Primer Index 3**: Not applicable.
- **PCR Primer Index 4**: Not applicable.
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- **PCR Primer Index 13**: Not applicable.
- **PCR Primer Index 14**: Not applicable.
- **PCR Primer Index 15**: Not applicable.
- **PCR Primer Index 16**: Not applicable.

**Response**

- **SureSelect Adaptor Oligo Mix**: Not applicable.
- **SureSelect Primer**: Not applicable.
- **PCR Primer Index 1**: Not applicable.
- **PCR Primer Index 2**: Not applicable.
- **PCR Primer Index 3**: Not applicable.
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- **PCR Primer Index 15**: Not applicable.
- **PCR Primer Index 16**: Not applicable.

**Storage**

- **SureSelect Adaptor Oligo Mix**: Not applicable.
- **SureSelect Primer**: Not applicable.
- **PCR Primer Index 1**: Not applicable.
- **PCR Primer Index 2**: Not applicable.
- **PCR Primer Index 3**: Not applicable.
- **PCR Primer Index 4**: Not applicable.
- **PCR Primer Index 5**: Not applicable.
- **PCR Primer Index 6**: Not applicable.

**Date of issue/Date of revision**: 03/02/2016  
**Date of previous issue**: 14/04/2014  
**Version**: 3
### Section 2. Hazard(s) identification

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#### Disposal

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#### Supplemental label elements

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#### Other hazards which do not result in classification

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Section 2. Hazard(s) identification

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Section 3. Composition and ingredient information

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</table>

CAS number/other identifiers

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

**Eye contact**

SureSelect Adaptor Oligo Mix: 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.

SureSelect Primer: 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.

PCR Primer Index 1: 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.

PCR Primer Index 2: 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.

PCR Primer Index 3: 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.

PCR Primer Index 4: 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.

PCR Primer Index 5: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Section 4. First aid measures

PCR Primer Index 6  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.

PCR Primer Index 7  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.

PCR Primer Index 8  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.

PCR Primer Index 9  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.

PCR Primer Index 10 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.

PCR Primer Index 11 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.

PCR Primer Index 12 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.

PCR Primer Index 13 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.

PCR Primer Index 14 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.

PCR Primer Index 15 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.

PCR Primer Index 16 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**  Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

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

PCR Primer Index 1  Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

PCR Primer Index 2  Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

PCR Primer Index 3  Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

PCR Primer Index 4  Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

PCR Primer Index 5  Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Date of issue/Date of revision: 03/02/2016  Date of previous issue: 14/04/2014  Version: 3
Section 4. First aid measures

<table>
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</tbody>
</table>

**Skin contact**: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

SureSelect Primer
<table>
<thead>
<tr>
<th>Action</th>
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<tbody>
<tr>
<td>Remove contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</td>
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<tr>
<td>Remove contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</td>
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<td>Remove contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</td>
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</tr>
<tr>
<td>Remove contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</td>
</tr>
</tbody>
</table>
Section 4. First aid measures

Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

PCR Primer Index 9
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

PCR Primer Index 10
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

PCR Primer Index 11
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

PCR Primer Index 12
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

PCR Primer Index 13
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

PCR Primer Index 14
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

PCR Primer Index 15
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

PCR Primer Index 16
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion**

SureSelect Adaptor Oligo Mix
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.

SureSelect Primer
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.

PCR Primer Index 1
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.

PCR Primer Index 2
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.

PCR Primer Index 3
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.

PCR Primer Index 4
Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for
Section 4. First aid measures

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.

PCR Primer Index 5
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.

PCR Primer Index 6
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.

PCR Primer Index 7
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.

PCR Primer Index 8
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.

PCR Primer Index 9
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.

PCR Primer Index 10
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.

PCR Primer Index 11
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.

PCR Primer Index 12
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.

PCR Primer Index 13
Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for
Section 4. First aid measures

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.

PCR Primer Index 14 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.

PCR Primer Index 15 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.

PCR Primer Index 16 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.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

SureSelect Adaptor Oligo Mix No known significant effects or critical hazards. SureSelect Primer No known significant effects or critical hazards.
PCR Primer Index 1 No known significant effects or critical hazards.
PCR Primer Index 2 No known significant effects or critical hazards.
PCR Primer Index 3 No known significant effects or critical hazards.
PCR Primer Index 4 No known significant effects or critical hazards.
PCR Primer Index 5 No known significant effects or critical hazards.
PCR Primer Index 6 No known significant effects or critical hazards.
PCR Primer Index 7 No known significant effects or critical hazards.
PCR Primer Index 8 No known significant effects or critical hazards.
PCR Primer Index 9 No known significant effects or critical hazards.
PCR Primer Index 10 No known significant effects or critical hazards.
PCR Primer Index 11 No known significant effects or critical hazards.
PCR Primer Index 12 No known significant effects or critical hazards.
PCR Primer Index 13 No known significant effects or critical hazards.
PCR Primer Index 14 No known significant effects or critical hazards.
PCR Primer Index 15 No known significant effects or critical hazards.
PCR Primer Index 16 No known significant effects or critical hazards.

Inhalation

SureSelect Adaptor Oligo Mix No known significant effects or critical hazards. SureSelect Primer No known significant effects or critical hazards.
PCR Primer Index 1 No known significant effects or critical hazards.
PCR Primer Index 2 No known significant effects or critical hazards.
PCR Primer Index 3 No known significant effects or critical hazards.
PCR Primer Index 4 No known significant effects or critical hazards.
PCR Primer Index 5 No known significant effects or critical hazards.
PCR Primer Index 6 No known significant effects or critical hazards.
PCR Primer Index 7 No known significant effects or critical hazards.
PCR Primer Index 8 No known significant effects or critical hazards.
PCR Primer Index 9 No known significant effects or critical hazards.
PCR Primer Index 10 No known significant effects or critical hazards.
PCR Primer Index 11 No known significant effects or critical hazards.
PCR Primer Index 12 No known significant effects or critical hazards.
PCR Primer Index 13 No known significant effects or critical hazards.
Section 4. First aid measures

**Skin contact**
- SureSelect Adaptor Oligo Mix: No known significant effects or critical hazards.
- SureSelect Primer: No known significant effects or critical hazards.
- PCR Primer Index 1: No known significant effects or critical hazards.
- PCR Primer Index 2: No known significant effects or critical hazards.
- PCR Primer Index 3: No known significant effects or critical hazards.
- PCR Primer Index 4: No known significant effects or critical hazards.
- PCR Primer Index 5: No known significant effects or critical hazards.
- PCR Primer Index 6: No known significant effects or critical hazards.
- PCR Primer Index 7: No known significant effects or critical hazards.
- PCR Primer Index 8: No known significant effects or critical hazards.
- PCR Primer Index 9: No known significant effects or critical hazards.
- PCR Primer Index 10: No known significant effects or critical hazards.
- PCR Primer Index 11: No known significant effects or critical hazards.
- PCR Primer Index 12: No known significant effects or critical hazards.
- PCR Primer Index 13: No known significant effects or critical hazards.
- PCR Primer Index 14: No known significant effects or critical hazards.
- PCR Primer Index 15: No known significant effects or critical hazards.
- PCR Primer Index 16: No known significant effects or critical hazards.

**Ingestion**
- SureSelect Adaptor Oligo Mix: No known significant effects or critical hazards.
- SureSelect Primer: No known significant effects or critical hazards.
- PCR Primer Index 1: No known significant effects or critical hazards.
- PCR Primer Index 2: No known significant effects or critical hazards.
- PCR Primer Index 3: No known significant effects or critical hazards.
- PCR Primer Index 4: No known significant effects or critical hazards.
- PCR Primer Index 5: No known significant effects or critical hazards.
- PCR Primer Index 6: No known significant effects or critical hazards.
- PCR Primer Index 7: No known significant effects or critical hazards.
- PCR Primer Index 8: No known significant effects or critical hazards.
- PCR Primer Index 9: No known significant effects or critical hazards.
- PCR Primer Index 10: No known significant effects or critical hazards.
- PCR Primer Index 11: No known significant effects or critical hazards.
- PCR Primer Index 12: No known significant effects or critical hazards.
- PCR Primer Index 13: No known significant effects or critical hazards.
- PCR Primer Index 14: No known significant effects or critical hazards.
- PCR Primer Index 15: No known significant effects or critical hazards.
- PCR Primer Index 16: No known significant effects or critical hazards.

**Over-exposure signs/symptoms**
- SureSelect Adaptor Oligo Mix: No specific data.
- SureSelect Primer: No specific data.
- PCR Primer Index 1: No specific data.
- PCR Primer Index 2: No specific data.
- PCR Primer Index 3: No specific data.
- PCR Primer Index 4: No specific data.
- PCR Primer Index 5: No specific data.
- PCR Primer Index 6: No specific data.
- PCR Primer Index 7: No specific data.
- PCR Primer Index 8: No specific data.
- PCR Primer Index 9: No specific data.
- PCR Primer Index 10: No specific data.
- PCR Primer Index 11: No specific data.
- PCR Primer Index 12: No specific data.
- PCR Primer Index 13: No specific data.
- PCR Primer Index 14: No specific data.
- PCR Primer Index 15: No specific data.
- PCR Primer Index 16: No specific data.
Section 4. First aid measures

Inhalation:
- SureSelect Adaptor Oligo Mix: No specific data.
- SureSelect Primer: No specific data.
- PCR Primer Index 1: No specific data.
- PCR Primer Index 2: No specific data.
- PCR Primer Index 3: No specific data.
- PCR Primer Index 4: No specific data.
- PCR Primer Index 5: No specific data.
- PCR Primer Index 6: No specific data.
- PCR Primer Index 7: No specific data.
- PCR Primer Index 8: No specific data.
- PCR Primer Index 9: No specific data.
- PCR Primer Index 10: No specific data.
- PCR Primer Index 11: No specific data.
- PCR Primer Index 12: No specific data.
- PCR Primer Index 13: No specific data.
- PCR Primer Index 14: No specific data.
- PCR Primer Index 15: No specific data.
- PCR Primer Index 16: No specific data.

Skin contact:
- SureSelect Adaptor Oligo Mix: No specific data.
- SureSelect Primer: No specific data.
- PCR Primer Index 1: No specific data.
- PCR Primer Index 2: No specific data.
- PCR Primer Index 3: No specific data.
- PCR Primer Index 4: No specific data.
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- PCR Primer Index 6: No specific data.
- PCR Primer Index 7: No specific data.
- PCR Primer Index 8: No specific data.
- PCR Primer Index 9: No specific data.
- PCR Primer Index 10: No specific data.
- PCR Primer Index 11: No specific data.
- PCR Primer Index 12: No specific data.
- PCR Primer Index 13: No specific data.
- PCR Primer Index 14: No specific data.
- PCR Primer Index 15: No specific data.
- PCR Primer Index 16: No specific data.

Ingestion:
- SureSelect Adaptor Oligo Mix: No specific data.
- SureSelect Primer: No specific data.
- PCR Primer Index 1: No specific data.
- PCR Primer Index 2: No specific data.
- PCR Primer Index 3: No specific data.
- PCR Primer Index 4: No specific data.
- PCR Primer Index 5: No specific data.
- PCR Primer Index 6: No specific data.
- PCR Primer Index 7: No specific data.
- PCR Primer Index 8: No specific data.
- PCR Primer Index 9: No specific data.
- PCR Primer Index 10: No specific data.
- PCR Primer Index 11: No specific data.
- PCR Primer Index 12: No specific data.
- PCR Primer Index 13: No specific data.
- PCR Primer Index 14: No specific data.
- PCR Primer Index 15: No specific data.
- PCR Primer Index 16: No specific data.

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

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Date of previous issue: 14/04/2014
Version: 3
# Section 4. First aid measures

**Notes to physician**

- **SureSelect Adaptor Oligo Mix**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **SureSelect Primer**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 1**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 2**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 3**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 4**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 5**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 6**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 7**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 8**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 9**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 10**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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- **PCR Primer Index 12**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 13**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 14**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 15**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **PCR Primer Index 16**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments**

- **SureSelect Adaptor Oligo Mix**: No specific treatment.
- **SureSelect Primer**: No specific treatment.
- **PCR Primer Index 1**: No specific treatment.
- **PCR Primer Index 2**: No specific treatment.
- **PCR Primer Index 3**: No specific treatment.
- **PCR Primer Index 4**: No specific treatment.
- **PCR Primer Index 5**: No specific treatment.
- **PCR Primer Index 6**: No specific treatment.
- **PCR Primer Index 7**: No specific treatment.
Section 4. First aid measures

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

SureSelect Adaptor Oligo Mix

PCR Primer Index 8  No specific treatment.
PCR Primer Index 9  No specific treatment.
PCR Primer Index 10 No specific treatment.
PCR Primer Index 11 No specific treatment.
PCR Primer Index 12 No specific treatment.
PCR Primer Index 13 No specific treatment.
PCR Primer Index 14 No specific treatment.
PCR Primer Index 15 No specific treatment.
PCR Primer Index 16 No specific treatment.

PCR Primer

PCR Primer Index 1  No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 2  No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 3  No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 4  No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 5  No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 6  No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 7  No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 8  No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 9  No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 10 No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 11 No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 12 No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 13 No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 14 No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 15 No action shall be taken involving any personal risk or without suitable training.
PCR Primer Index 16 No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

SureSelect Adaptor Oligo Mix

PCR Primer Index 8 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 9 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 10 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 11 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 12 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 13 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 14 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 15 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 16 Use an extinguishing agent suitable for the surrounding fire.

PCR Primer

PCR Primer Index 1 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 2 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 3 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 4 Use an extinguishing agent suitable for the surrounding fire.

PCR Primer Index 5 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 6 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 7 Use an extinguishing agent suitable for the surrounding fire.
PCR Primer Index 8 Use an extinguishing agent suitable for the surrounding fire.
Section 5. Firefighting measures

SureSelect RNA Primer Kit

<table>
<thead>
<tr>
<th>PCR Primer Index</th>
<th>Specific hazards arising from the chemical</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
</tr>
<tr>
<td>6</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
</tr>
<tr>
<td>7</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
</tr>
<tr>
<td>8</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
</tr>
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<td>9</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
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<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
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<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
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<td>15</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
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<tr>
<td>16</td>
<td>In a fire or if heated, a pressure increase will occur and the container may burst.</td>
</tr>
</tbody>
</table>

**Unsuitable extinguishing media**:

- SureSelect Adaptor Oligo Mix: None known.
- SureSelect Primer: None known.
- PCR Primer Index 1: None known.
- PCR Primer Index 2: None known.
- PCR Primer Index 3: None known.
- PCR Primer Index 4: None known.
- PCR Primer Index 5: None known.
- PCR Primer Index 6: None known.
- PCR Primer Index 7: None known.
- PCR Primer Index 8: None known.
- PCR Primer Index 9: None known.
- PCR Primer Index 10: None known.
- PCR Primer Index 11: None known.
- PCR Primer Index 12: None known.
- PCR Primer Index 13: None known.
- PCR Primer Index 14: None known.
- PCR Primer Index 15: None known.
- PCR Primer Index 16: None known.

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**Date of previous issue**: 14/04/2014
**Version**: 3
Section 5. Firefighting measures

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<th>PCR Primer Index</th>
<th>Hazardous thermal decomposition products</th>
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<td>Yes</td>
</tr>
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<td>15</td>
<td>Yes</td>
</tr>
<tr>
<td>16</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**SureSelect Adaptor Oligo Mix**

- No specific data.

**SureSelect Primer**

- No specific data.

**PCR Primer Index 1**

- No specific data.

**PCR Primer Index 2**

- No specific data.

**PCR Primer Index 3**

- No specific data.

**PCR Primer Index 4**

- No specific data.

**PCR Primer Index 5**

- No specific data.

**PCR Primer Index 6**

- No specific data.

**PCR Primer Index 7**

- No specific data.

**PCR Primer Index 8**

- No specific data.

**PCR Primer Index 9**

- No specific data.

**PCR Primer Index 10**

- No specific data.

**PCR Primer Index 11**

- No specific data.

**PCR Primer Index 12**

- No specific data.

**PCR Primer Index 13**

- No specific data.

**PCR Primer Index 14**

- No specific data.

**PCR Primer Index 15**

- No specific data.

**PCR Primer Index 16**

- No specific data.

**Special protective actions for fire-fighters**

- 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.

- 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.

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- Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Section 5. Firefighting measures

Indeed, action shall be taken involving any personal risk or without suitable training.

PCR Primer Index 6
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.

PCR Primer Index 7
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.

PCR Primer Index 8
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.

PCR Primer Index 9
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.

PCR Primer Index 10
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.

PCR Primer Index 11
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.

PCR Primer Index 12
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.

PCR Primer Index 13
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.

PCR Primer Index 14
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.

PCR Primer Index 15
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.

PCR Primer Index 16
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters**

SureSelect Adaptor Oligo Mix
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SureSelect Primer
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

PCR Primer Index 1
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

PCR Primer Index 2
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

PCR Primer Index 3
Fire-fighters should wear appropriate protective
Section 5. Firefighting measures

- **PCR Primer Index 4**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- **PCR Primer Index 5**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- **PCR Primer Index 6**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- **PCR Primer Index 7**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- **PCR Primer Index 8**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- **PCR Primer Index 9**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- **PCR Primer Index 10**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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- **PCR Primer Index 12**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- **PCR Primer Index 13**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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- **PCR Primer Index 15**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- **PCR Primer Index 16**: 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

**Personal precautions, protective equipment and emergency procedures**

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<tr>
<th>For non-emergency personnel</th>
<th>SureSelect Adaptor Oligo Mix</th>
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<tr>
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SureSelect Primer

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 spilt material. Put on appropriate personal protective equipment.

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### Section 6. Accidental release measures

Areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

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**For emergency responders:**

- **SureSelect Adaptor Oligo Mix**
  - If specialised 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".

- **SureSelect Primer**
  - If specialised 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".

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Section 6. Accidental release measures

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Section 6. Accidental release measures

Environmental precautions:

- SureSelect Adaptor Oligo Mix: Avoid dispersal of spilt 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).

- SureSelect Primer: Avoid dispersal of spilt 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).

- PCR Primer Index 1: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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Section 6. Accidental release measures

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PCR Primer Index 16
Avoid dispersal of spilt 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).

Methods and material for containment and cleaning up

Methods for cleaning up: SureSelect Adaptor Oligo Mix
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.

SureSelect Primer
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.

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Section 6. Accidental release measures

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.

PCR Primer Index 16
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

### Precautions for safe handling

**Protective measures**
- SureSelect Adaptor Oligo Mix: Put on appropriate personal protective equipment (see Section 8).
- SureSelect Primer: Put on appropriate personal protective equipment (see Section 8).
- PCR Primer Index 1: Put on appropriate personal protective equipment (see Section 8).
- PCR Primer Index 2: Put on appropriate personal protective equipment (see Section 8).
- PCR Primer Index 3: Put on appropriate personal protective equipment (see Section 8).
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- PCR Primer Index 14: Put on appropriate personal protective equipment (see Section 8).
- PCR Primer Index 15: Put on appropriate personal protective equipment (see Section 8).
- PCR Primer Index 16: Put on appropriate personal protective equipment (see Section 8).

### Advice on general occupational hygiene

**SureSelect Adaptor Oligo Mix**
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.

**SureSelect Primer**
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...
Section 7. Handling and storage

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Section 7. Handling and storage

PCR Primer Index 10
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Conditions for safe storage, including any incompatibilities

SureSelect Adaptor Oligo Mix
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 unlabelled containers. Use appropriate containment to avoid environmental contamination.

SureSelect Primer
Store in accordance with local regulations. Store in
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PCR Primer Index 2

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Section 7. Handling and storage

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PCR Primer Index 12
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Section 7. Handling and storage

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Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits
None.

Appropriate engineering controls

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

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
Section 8. Exposure controls and personal protection

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

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

**Skin protection**

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

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

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

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

Section 9. Physical and chemical properties

**Appearance**

**Physical state**
SureSelect Adaptor Oligo Mix Liquid.
SureSelect Primer Liquid.
PCR Primer Index 1 Liquid.
PCR Primer Index 2 Liquid.
PCR Primer Index 3 Liquid.
PCR Primer Index 4 Liquid.
PCR Primer Index 5 Liquid.
PCR Primer Index 6 Liquid.
PCR Primer Index 7 Liquid.
PCR Primer Index 8 Liquid.
PCR Primer Index 9 Liquid.
PCR Primer Index 10 Liquid.
PCR Primer Index 11 Liquid.
PCR Primer Index 12 Liquid.
PCR Primer Index 13 Liquid.
PCR Primer Index 14 Liquid.
PCR Primer Index 15 Liquid.
PCR Primer Index 16 Liquid.

**Colour**
SureSelect Adaptor Oligo Mix Not available.
SureSelect Primer Not available.
PCR Primer Index 1 Not available.
PCR Primer Index 2 Not available.
PCR Primer Index 3 Not available.
PCR Primer Index 4 Not available.
PCR Primer Index 5 Not available.
PCR Primer Index 6 Not available.
PCR Primer Index 7 Not available.
PCR Primer Index 8 Not available.
PCR Primer Index 9 Not available.
PCR Primer Index 10 Not available.
PCR Primer Index 11 Not available.
PCR Primer Index 12 Not available.
PCR Primer Index 13 Not available.
PCR Primer Index 14 Not available.
# Section 9. Physical and chemical properties

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<tr>
<td>SureSelect Primer</td>
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<tr>
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<tr>
<td>PCR Primer Index 16</td>
<td>7.5</td>
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</tbody>
</table>
Section 9. Physical and chemical properties

Melting point:
- SureSelect Adaptor Oligo Mix: 0°C (32°F)
- SureSelect Primer: 0°C (32°F)
- PCR Primer Index 1: 0°C (32°F)
- PCR Primer Index 2: 0°C (32°F)
- PCR Primer Index 3: 0°C (32°F)
- PCR Primer Index 4: 0°C (32°F)
- PCR Primer Index 5: 0°C (32°F)
- PCR Primer Index 6: 0°C (32°F)
- PCR Primer Index 7: 0°C (32°F)
- PCR Primer Index 8: 0°C (32°F)
- PCR Primer Index 9: 0°C (32°F)
- PCR Primer Index 10: 0°C (32°F)
- PCR Primer Index 11: 0°C (32°F)
- PCR Primer Index 12: 0°C (32°F)
- PCR Primer Index 13: 0°C (32°F)
- PCR Primer Index 14: 0°C (32°F)
- PCR Primer Index 15: 0°C (32°F)
- PCR Primer Index 16: 0°C (32°F)

Evaporation rate:
- SureSelect Adaptor Oligo Mix: Not available.
- SureSelect Primer: Not available.
- PCR Primer Index 1: Not available.
- PCR Primer Index 2: Not available.
- PCR Primer Index 3: Not available.
- PCR Primer Index 4: Not available.
- PCR Primer Index 5: Not available.
- PCR Primer Index 6: Not available.
- PCR Primer Index 7: Not available.
- PCR Primer Index 8: Not available.
- PCR Primer Index 9: Not available.
- PCR Primer Index 10: Not available.
- PCR Primer Index 11: Not available.
- PCR Primer Index 12: Not available.
- PCR Primer Index 13: Not available.
- PCR Primer Index 14: Not available.
- PCR Primer Index 15: Not available.
- PCR Primer Index 16: Not available.

Boiling point:
- SureSelect Adaptor Oligo Mix: 100°C (212°F)
- SureSelect Primer: 100°C (212°F)
- PCR Primer Index 1: 100°C (212°F)
- PCR Primer Index 2: 100°C (212°F)
- PCR Primer Index 3: 100°C (212°F)
- PCR Primer Index 4: 100°C (212°F)
- PCR Primer Index 5: 100°C (212°F)
- PCR Primer Index 6: 100°C (212°F)
- PCR Primer Index 7: 100°C (212°F)
- PCR Primer Index 8: 100°C (212°F)
- PCR Primer Index 9: 100°C (212°F)
- PCR Primer Index 10: 100°C (212°F)
- PCR Primer Index 11: 100°C (212°F)
- PCR Primer Index 12: 100°C (212°F)
- PCR Primer Index 13: 100°C (212°F)
- PCR Primer Index 14: 100°C (212°F)
- PCR Primer Index 15: 100°C (212°F)
- PCR Primer Index 16: 100°C (212°F)

Flash point:
- SureSelect Adaptor Oligo Mix: Not available.
- SureSelect Primer: Not available.
- PCR Primer Index 1: Not available.
- PCR Primer Index 2: Not available.
- PCR Primer Index 3: Not available.
- PCR Primer Index 4: Not available.
- PCR Primer Index 5: Not available.
- PCR Primer Index 6: Not available.
- PCR Primer Index 7: Not available.
- PCR Primer Index 8: Not available.
- PCR Primer Index 9: Not available.
- PCR Primer Index 10: Not available.
- PCR Primer Index 11: Not available.
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- PCR Primer Index 15: Not available.
- PCR Primer Index 16: Not available.
## Section 9. Physical and chemical properties

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<tr>
<td>PCR Primer Index 16</td>
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</tr>
</tbody>
</table>

### Flammability (solid, gas)

- **SureSelect Adaptor Oligo Mix**: Not applicable.
- **SureSelect Primer**: Not applicable.
- **PCR Primer Index 1**: Not applicable.
- **PCR Primer Index 2**: Not applicable.
- **PCR Primer Index 3**: Not applicable.
- **PCR Primer Index 4**: Not applicable.
- **PCR Primer Index 5**: Not applicable.
- **PCR Primer Index 6**: Not applicable.
- **PCR Primer Index 7**: Not applicable.
- **PCR Primer Index 8**: Not applicable.
- **PCR Primer Index 9**: Not applicable.
- **PCR Primer Index 10**: Not applicable.
- **PCR Primer Index 11**: Not applicable.
- **PCR Primer Index 12**: Not applicable.
- **PCR Primer Index 13**: Not applicable.
- **PCR Primer Index 14**: Not applicable.
- **PCR Primer Index 15**: Not applicable.
- **PCR Primer Index 16**: Not applicable.

### Lower and upper explosive (flammable) limits

- **SureSelect Adaptor Oligo Mix**: Not available.
- **SureSelect Primer**: Not available.
- **PCR Primer Index 1**: Not available.
- **PCR Primer Index 2**: Not available.
- **PCR Primer Index 3**: Not available.
- **PCR Primer Index 4**: Not available.
- **PCR Primer Index 5**: Not available.
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- **PCR Primer Index 8**: Not available.
- **PCR Primer Index 9**: Not available.
- **PCR Primer Index 10**: Not available.
- **PCR Primer Index 11**: Not available.
- **PCR Primer Index 12**: Not available.
- **PCR Primer Index 13**: Not available.
- **PCR Primer Index 14**: Not available.
- **PCR Primer Index 15**: Not available.
- **PCR Primer Index 16**: Not available.

### Vapour pressure

- **SureSelect Adaptor Oligo Mix**: Not available.
- **SureSelect Primer**: Not available.
- **PCR Primer Index 1**: Not available.
- **PCR Primer Index 2**: Not available.
- **PCR Primer Index 3**: Not available.
- **PCR Primer Index 4**: Not available.
- **PCR Primer Index 5**: Not available.
- **PCR Primer Index 6**: Not available.
- **PCR Primer Index 7**: Not available.
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- **PCR Primer Index 9**: Not available.
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- **PCR Primer Index 13**: Not available.
- **PCR Primer Index 14**: Not available.
- **PCR Primer Index 15**: Not available.
- **PCR Primer Index 16**: Not available.
## Section 9. Physical and chemical properties

### Vapour density
- **SureSelect Adaptor Oligo Mix**: Not available.
- **SureSelect Primer**: Not available.
- **PCR Primer Index 1**: Not available.
- **PCR Primer Index 2**: Not available.
- **PCR Primer Index 3**: Not available.
- **PCR Primer Index 4**: Not available.
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- **PCR Primer Index 11**: Not available.
- **PCR Primer Index 12**: Not available.
- **PCR Primer Index 13**: Not available.
- **PCR Primer Index 14**: Not available.
- **PCR Primer Index 15**: Not available.
- **PCR Primer Index 16**: Not available.

### Relative density
- **SureSelect Adaptor Oligo Mix**: Not available.
- **SureSelect Primer**: Not available.
- **PCR Primer Index 1**: Not available.
- **PCR Primer Index 2**: Not available.
- **PCR Primer Index 3**: Not available.
- **PCR Primer Index 4**: Not available.
- **PCR Primer Index 5**: Not available.
- **PCR Primer Index 6**: Not available.
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- **PCR Primer Index 8**: Not available.
- **PCR Primer Index 9**: Not available.
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- **PCR Primer Index 11**: Not available.
- **PCR Primer Index 12**: Not available.
- **PCR Primer Index 13**: Not available.
- **PCR Primer Index 14**: Not available.
- **PCR Primer Index 15**: Not available.
- **PCR Primer Index 16**: Not available.

### Solubility
- **SureSelect Adaptor Oligo Mix**: Easily soluble in the following materials: cold water and hot water.
- **SureSelect Primer**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 1**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 2**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 3**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 4**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 5**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 6**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 7**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 8**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 9**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 10**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 11**: Easily soluble in the following materials: cold water and hot water.
- **PCR Primer Index 12**: Easily soluble in the following materials: cold water and hot water.

*Date of issue/Date of revision*: 03/02/2016  
*Date of previous issue*: 14/04/2014  
*Version*: 3  
*Page*: 35/47
Section 9. Physical and chemical properties

SureSelect RNA Primer Kit

and hot water.

PCR Primer Index 13  Easily soluble in the following materials: cold water and hot water.
PCR Primer Index 14  Easily soluble in the following materials: cold water and hot water.
PCR Primer Index 15  Easily soluble in the following materials: cold water and hot water.
PCR Primer Index 16  Easily soluble in the following materials: cold water and hot water.

Partition coefficient: n-octanol/water

SureSelect Adaptor Oligo Mix  Not available.
SureSelect Primer  Not available.
PCR Primer Index 1  Not available.
PCR Primer Index 2  Not available.
PCR Primer Index 3  Not available.
PCR Primer Index 4  Not available.
PCR Primer Index 5  Not available.
PCR Primer Index 6  Not available.
PCR Primer Index 7  Not available.
PCR Primer Index 8  Not available.
PCR Primer Index 9  Not available.
PCR Primer Index 10  Not available.
PCR Primer Index 11  Not available.
PCR Primer Index 12  Not available.
PCR Primer Index 13  Not available.
PCR Primer Index 14  Not available.
PCR Primer Index 15  Not available.
PCR Primer Index 16  Not available.

Auto-ignition temperature

SureSelect Adaptor Oligo Mix  Not available.
SureSelect Primer  Not available.
PCR Primer Index 1  Not available.
PCR Primer Index 2  Not available.
PCR Primer Index 3  Not available.
PCR Primer Index 4  Not available.
PCR Primer Index 5  Not available.
PCR Primer Index 6  Not available.
PCR Primer Index 7  Not available.
PCR Primer Index 8  Not available.
PCR Primer Index 9  Not available.
PCR Primer Index 10  Not available.
PCR Primer Index 11  Not available.
PCR Primer Index 12  Not available.
PCR Primer Index 13  Not available.
PCR Primer Index 14  Not available.
PCR Primer Index 15  Not available.
PCR Primer Index 16  Not available.

Decomposition temperature

SureSelect Adaptor Oligo Mix  Not available.
SureSelect Primer  Not available.
PCR Primer Index 1  Not available.
PCR Primer Index 2  Not available.
PCR Primer Index 3  Not available.
PCR Primer Index 4  Not available.
PCR Primer Index 5  Not available.
PCR Primer Index 6  Not available.
PCR Primer Index 7  Not available.
PCR Primer Index 8  Not available.
PCR Primer Index 9  Not available.
PCR Primer Index 10  Not available.
PCR Primer Index 11  Not available.
PCR Primer Index 12  Not available.
PCR Primer Index 13  Not available.
PCR Primer Index 14  Not available.
PCR Primer Index 15  Not available.
PCR Primer Index 16  Not available.

Date of issue/Date of revision: 03/02/2016  Date of previous issue: 14/04/2014  Version: 3
### Section 9. Physical and chemical properties

**Viscosity**

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<td>PCR Primer Index 2</td>
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### Section 10. Stability and reactivity

**Reactivity**

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</tr>
<tr>
<td>SureSelect Primer</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
</tr>
<tr>
<td>PCR Primer Index 1</td>
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<tr>
<td>PCR Primer Index 2</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
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<td>PCR Primer Index 3</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
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<tr>
<td>PCR Primer Index 4</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
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<td>PCR Primer Index 5</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
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<td>PCR Primer Index 6</td>
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<td>PCR Primer Index 12</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
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<tr>
<td>PCR Primer Index 13</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
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<tr>
<td>PCR Primer Index 14</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
</tr>
<tr>
<td>PCR Primer Index 15</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
</tr>
<tr>
<td>PCR Primer Index 16</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
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</table>
## Section 10. Stability and reactivity

### Chemical stability

<table>
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<tr>
<th>Product</th>
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<tr>
<td>SureSelect Adaptor Oligo Mix</td>
<td>The product is stable.</td>
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<tr>
<td>SureSelect Primer</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>PCR Primer Index 1</td>
<td>The product is stable.</td>
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<tr>
<td>PCR Primer Index 2</td>
<td>The product is stable.</td>
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<td>PCR Primer Index 3</td>
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### Possibility of hazardous reactions

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<th>Product</th>
<th>Hazardous reactions</th>
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<td>SureSelect Adaptor Oligo Mix</td>
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<tr>
<td>SureSelect Primer</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
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<tr>
<td>PCR Primer Index 1</td>
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<tr>
<td>PCR Primer Index 2</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
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<td>PCR Primer Index 3</td>
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<td>PCR Primer Index 16</td>
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Section 10. Stability and reactivity

**Conditions to avoid**

SureSelect Adaptor Oligo Mix: No specific data.
SureSelect Primer: No specific data.
PCR Primer Index 1: No specific data.
PCR Primer Index 2: No specific data.
PCR Primer Index 3: No specific data.
PCR Primer Index 4: No specific data.
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PCR Primer Index 14: No specific data.
PCR Primer Index 15: No specific data.
PCR Primer Index 16: No specific data.

**Incompatible materials**

SureSelect Adaptor Oligo Mix: May react or be incompatible with oxidising materials.
SureSelect Primer: May react or be incompatible with oxidising materials.
PCR Primer Index 1: May react or be incompatible with oxidising materials.
PCR Primer Index 2: May react or be incompatible with oxidising materials.
PCR Primer Index 3: May react or be incompatible with oxidising materials.
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PCR Primer Index 14: May react or be incompatible with oxidising materials.
PCR Primer Index 15: May react or be incompatible with oxidising materials.
PCR Primer Index 16: May react or be incompatible with oxidising materials.

**Hazardous decomposition products**

SureSelect Adaptor Oligo Mix: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Primer: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PCR Primer Index 1: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PCR Primer Index 2: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PCR Primer Index 3: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PCR Primer Index 4: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PCR Primer Index 5: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PCR Primer Index 6: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
### Section 10. Stability and reactivity

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<th>PCR Primer Index</th>
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### Section 11. Toxicological information

**Information on toxicological effects**

**Acute toxicity**

Not available.

**Irritation/Corrosion**

Not available.

**Sensitisation**

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.
Section 11. Toxicological information

Not available.

Information on likely routes of exposure:

- **Inhalation:** SureSelect Adaptor Oligo Mix: Not available. SureSelect Primer: Not available. PCR Primer Index 1 to 16: Not available.

Potential acute health effects:

- **Eye contact:** SureSelect Adaptor Oligo Mix: No known significant effects or critical hazards. SureSelect Primer: No known significant effects or critical hazards. PCR Primer Index 1 to 16: Not available.

Inhalation:

- SureSelect Adaptor Oligo Mix: No known significant effects or critical hazards. SureSelect Primer: No known significant effects or critical hazards. PCR Primer Index 1 to 16: Not available.

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### Section 11. Toxicological information

#### Skin contact
- SureSelect Adaptor Oligo Mix: No known significant effects or critical hazards.
- SureSelect Primer: No known significant effects or critical hazards.
- PCR Primer Index 1: No known significant effects or critical hazards.
- PCR Primer Index 2: No known significant effects or critical hazards.
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- PCR Primer Index 4: No known significant effects or critical hazards.
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#### Ingestion
- SureSelect Adaptor Oligo Mix: No known significant effects or critical hazards.
- SureSelect Primer: No known significant effects or critical hazards.
- PCR Primer Index 1: No known significant effects or critical hazards.
- PCR Primer Index 2: No known significant effects or critical hazards.
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- PCR Primer Index 15: No known significant effects or critical hazards.
- PCR Primer Index 16: No known significant effects or critical hazards.

#### Symptoms related to the physical, chemical and toxicological characteristics

#### Eye contact
- SureSelect Adaptor Oligo Mix: No specific data.
- SureSelect Primer: No specific data.
- PCR Primer Index 1: No specific data.
- PCR Primer Index 2: No specific data.
- PCR Primer Index 3: No specific data.
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- PCR Primer Index 15: No specific data.
- PCR Primer Index 16: No specific data.
SureSelect RNA Primer Kit

Section 11. Toxicological information

**Inhalation**
- SureSelect Adaptor Oligo Mix: No specific data.
- SureSelect Primer: No specific data.
- PCR Primer Index 1: No specific data.
- PCR Primer Index 2: No specific data.
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**Skin contact**
- SureSelect Adaptor Oligo Mix: No specific data.
- SureSelect Primer: No specific data.
- PCR Primer Index 1: No specific data.
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**Ingestion**
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

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

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

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### Section 11. Toxicological information

**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

**Potential chronic health effects**
Not available.

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<th><strong>General</strong></th>
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Section 11. Toxicological information

Teratogenicity:
- SureSelect Adaptor Oligo Mix: No known significant effects or critical hazards.
- SureSelect Primer: No known significant effects or critical hazards.
- PCR Primer Index 1: No known significant effects or critical hazards.
- PCR Primer Index 2: No known significant effects or critical hazards.
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- PCR Primer Index 16: No known significant effects or critical hazards.

Developmental effects:
- SureSelect Adaptor Oligo Mix: No known significant effects or critical hazards.
- SureSelect Primer: No known significant effects or critical hazards.
- PCR Primer Index 1: No known significant effects or critical hazards.
- PCR Primer Index 2: No known significant effects or critical hazards.
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Fertility effects:
- SureSelect Adaptor Oligo Mix: No known significant effects or critical hazards.
- SureSelect Primer: No known significant effects or critical hazards.
- PCR Primer Index 1: No known significant effects or critical hazards.
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- PCR Primer Index 15: No known significant effects or critical hazards.
- PCR Primer Index 16: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates
Not available.
Section 12. Ecological information

Toxicity
Not available.

Persistence and degradability
Not available.

Bioaccumulative potential
Not available.

Mobility in soil

- Soil/water partition coefficient (K_{oc})
  : Not available.

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

Section 13. Disposal considerations

Disposal methods
: The generation of waste should be avoided or minimised 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 spill material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Regulatory information

- ADG / IMDG / IATA
  : Not regulated as Dangerous Goods according to the ADG Code.

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

Standard Uniform Schedule of Medicine and Poisons
: Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances
: No listed substance

Australia inventory (AICS)
: All components are listed or exempted.

Chemical Weapon Convention List Schedules I, II & III Chemicals
: Not listed.

Montreal Protocol (Annexes A, B, C, E)
: Not listed.

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## Section 15. Regulatory information

**Stockholm Convention on Persistent Organic Pollutants**
Not listed.

**Rotterdam Convention on Prior Inform Consent (PIC)**
Not listed.

**UNESCO Aarhus Protocol on POPs and Heavy Metals**
Not listed.

### International lists

#### National inventory

- **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): Not determined.
- **Malaysia**: Not determined.
- **New Zealand**: All components are listed or exempted.
- **Philippines**: All components are listed or exempted.
- **Republic of Korea**: All components are listed or exempted.
- **Taiwan**: All components are listed or exempted.
- **Turkey**: Not determined.
- **United States**: All components are listed or exempted.

## Section 16. Any other relevant information

### History

- **Date of issue/Date of revision**: 03/02/2016
- **Date of previous issue**: 14/04/2014.
- **Version**: 3

### Key to abbreviations

- ADG = Australian Dangerous Goods
- 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
- NOHSC = National Occupational Health and Safety Commission
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

### Procedure used to derive the classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
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<tbody>
<tr>
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### References

- Not available.

> 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.