

Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia
1800 802 402

SureSelect XT Reagent Kit-S5500 - 16 Samples, Part Number G9615A

1. Identification of the material and supplier

Names

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| Product name | : SureSelect XT Reagent Kit-S5500 - 16 Samples, Part Number G9615A |
| Part No. (Chemical Kit) | : G9615A |
| Part No. | : 10X End-Repair Buffer 5190-4472 5X T4 DNA Ligase Buffer 5190-4473 Klenow DNA Polymerase 5190-4928 T4 DNA Ligase 5190-4475 T4 DNA Polymerase 5190-4927 T4 Polynucleotide Kinase 5190-4929 dNTP Mix 5190-4931 10x Klenow Polymerase Buffer 5190-4474 Exo(-) Klenow 5190-4926 dATP 5190-4930 SureSelect LTI5500 P1 5190-5458 SureSelect LTI5500 IA 5190-5459 SureSelect LTI Pre Capture Primer 5190-5460 SureSelect LT-BC1 through -BC16 various* SureSelect RNase Block 5190-4383 SureSelect Hyb #3 5190-4382 SureSelect Block #2 5190-4381 SureSelect Indexing Block #1 5190-4427 SureSelect LT Indexing Block #3 5190-4447 SureSelect Hyb #1 5190-4396 SureSelect Hyb #2 5190-4397 SureSelect Hyb #4 5190-4398 SureSelect Binding Buffer 5190-4399 SureSelect Wash Buffer 1 5190-4400 SureSelect Wash Buffer 2 5190-4401 |

ADG : Not regulated as Dangerous Goods according to the ADG Code

Supplier

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

Emergency telephone number : CHEMTREC®: +(61)-290372994

Uses

| | | |
|----------------------------|--------------------------------|---|
| Area of application | : 10X End-Repair Buffer | Industrial applications, Professional applications. |
| | : 5X T4 DNA Ligase Buffer | Industrial applications, Professional applications. |
| | : Klenow DNA Polymerase | Industrial applications, Professional applications. |
| | : T4 DNA Ligase | Industrial applications, Professional applications. |
| | : T4 DNA Polymerase | Industrial applications, Professional applications. |
| | : T4 Polynucleotide Kinase | Industrial applications, Professional applications. |
| | : dNTP Mix | Industrial applications, Professional applications. |
| | : 10x Klenow Polymerase Buffer | Industrial applications, Professional applications. |

1 . Identification of the material and supplier

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|-----------------------------------|---|
| Exo(-) Klenow | Industrial applications, Professional applications. |
| dATP | Industrial applications, Professional applications. |
| SureSelect LTI5500 P1 | Industrial applications, Professional applications. |
| SureSelect LTI5500 IA | Industrial applications, Professional applications. |
| SureSelect LTI Pre Capture Primer | Industrial applications, Professional applications. |
| SureSelect LT-BC1 through -BC16 | Industrial applications, Professional applications. |
| SureSelect RNase Block | Industrial applications, Professional applications. |
| SureSelect Hyb 3 | Industrial applications, Professional applications. |
| SureSelect Block 2 | Industrial applications, Professional applications. |
| SureSelect Indexing Block #1 | Industrial applications, Professional applications. |
| SureSelect LT Indexing Block #3 | Industrial applications, Professional applications. |
| SureSelect Hyb #1 | Industrial applications, Professional applications. |
| SureSelect Hyb #2 | Industrial applications, Professional applications. |
| SureSelect Hyb #4 | Industrial applications, Professional applications. |
| SureSelect Binding Buffer | Industrial applications, Professional applications. |
| SureSelect Wash Buffer 1 | Industrial applications, Professional applications. |
| SureSelect Wash Buffer 2 | Industrial applications, Professional applications. |

Material uses

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| : Analytical reagent. | |
| 10X End-Repair Buffer | 0.17 ml |
| 5X T4 DNA Ligase Buffer | 0.35 ml |
| Klenow DNA Polymerase | 0.036 ml |
| T4 DNA Ligase | 0.028 ml |
| T4 DNA Polymerase | 0.021 ml |
| T4 Polynucleotide Kinase | 0.040 ml |
| dNTP Mix | 0.032 ml |
| 10x Klenow Polymerase Buffer | 0.088 ml |
| Exo(-) Klenow | 0.053 ml |
| dATP | 0.02 ml |
| SureSelect LTI5500 P1 | 0.083 ml |
| SureSelect LTI5500 IA | 0.083 ml |
| SureSelect LTI Pre Capture Primer | 0.071 ml |
| SureSelect LT-BC1 through -BC16 | 0.005 ml |
| SureSelect RNase Block | 0.016 ml |
| SureSelect Hyb #3 | 0.16 ml |
| SureSelect Block #2 | 0.04 ml |
| SureSelect Indexing Block #1 | 0.04 ml |
| SureSelect LT Indexing Block #3 | 0.029 ml |
| SureSelect Hyb #1 | 0.4 ml |
| SureSelect Hyb #2 | 0.016 ml |
| SureSelect Hyb #4 | 0.208 ml |
| SureSelect Binding Buffer | 12.8 ml |
| SureSelect Wash Buffer 1 | 8 ml |
| SureSelect Wash Buffer 2 | 24 ml |

1 . Identification of the material and supplier

Nota * : SureSelect LT-BC1 through -BC16: 5972-3659, 5972-3660, 5972-3661, 5972-3662, 5972-3663, 5972-3664, 5972-3665, 5972-3666, 5972-3667, 5972-3668, 5972-3669, 5972-3670, 5972-3671, 5972-3672, 5972-3673, 5972-3674

2 . Hazards identification

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| Classification | : 10X End-Repair Buffer | Not regulated. |
| | 5X T4 DNA Ligase Buffer | Not regulated. |
| | Klenow DNA Polymerase | Not regulated. |
| | T4 DNA Ligase | Not regulated. |
| | T4 DNA Polymerase | Not regulated. |
| | T4 Polynucleotide Kinase | Not regulated. |
| | dNTP Mix | Not regulated. |
| | 10x Klenow Polymerase Buffer | Not regulated. |
| | Exo(-) Klenow | Not regulated. |
| | dATP | Not regulated. |
| | SureSelect LTI5500 P1 | Not regulated. |
| | SureSelect LTI5500 IA | Not regulated. |
| | SureSelect LTI Pre Capture Primer | Not regulated. |
| | SureSelect LT-BC1 through -BC16 | Not regulated. |
| | SureSelect RNase Block | Not regulated. |
| | SureSelect Hyb 3 | Not regulated. |
| | SureSelect Block 2 | Not regulated. |
| | SureSelect Indexing Block #1 | Not regulated. |
| | SureSelect LT Indexing Block #3 | Not regulated. |
| | SureSelect Hyb #1 | Not regulated. |
| | SureSelect Hyb #2 | Not regulated. |
| | SureSelect Hyb #4 | R43 |
| | SureSelect Binding Buffer | Not regulated. |
| | SureSelect Wash Buffer 1 | Not regulated. |
| | SureSelect Wash Buffer 2 | Not regulated. |
| Risk phrases | : 10X End-Repair Buffer | Not classified. |
| | 5X T4 DNA Ligase Buffer | Not classified. |
| | Klenow DNA Polymerase | Not classified. |
| | T4 DNA Ligase | Not classified. |
| | T4 DNA Polymerase | Not classified. |
| | T4 Polynucleotide Kinase | Not classified. |
| | dNTP Mix | Not classified. |
| | 10x Klenow Polymerase Buffer | Not classified. |
| | Exo(-) Klenow | Not classified. |
| | dATP | Not classified. |
| | SureSelect LTI5500 P1 | Not classified. |
| | SureSelect LTI5500 IA | Not classified. |
| | SureSelect LTI Pre Capture Primer | Not classified. |
| | SureSelect LT-BC1 through -BC16 | Not classified. |
| | SureSelect RNase Block | Not classified. |
| | SureSelect Hyb 3 | Not classified. |
| | SureSelect Block 2 | Not classified. |
| | SureSelect Indexing Block #1 | Not classified. |
| | SureSelect LT Indexing Block #3 | Not classified. |
| | SureSelect Hyb #1 | Not classified. |
| | SureSelect Hyb #2 | Not classified. |
| | SureSelect Hyb #4 | R43- May cause sensitisation by skin contact. |
| | SureSelect Binding Buffer | Not classified. |
| | SureSelect Wash Buffer 1 | Not classified. |
| | SureSelect Wash Buffer 2 | Not classified. |

2 . Hazards identification

Safety phrases

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| : 10X End-Repair Buffer | S36- Wear suitable protective clothing. |
| 5X T4 DNA Ligase Buffer | S36- Wear suitable protective clothing. |
| Klenow DNA Polymerase | S36- Wear suitable protective clothing. |
| T4 DNA Ligase | S36- Wear suitable protective clothing. |
| T4 DNA Polymerase | S36- Wear suitable protective clothing. |
| T4 Polynucleotide Kinase | S36- Wear suitable protective clothing. |
| dNTP Mix | S36- Wear suitable protective clothing. |
| 10x Klenow Polymerase Buffer | S36- Wear suitable protective clothing. |
| Exo(-) Klenow | S36- Wear suitable protective clothing. |
| dATP | S36- Wear suitable protective clothing. |
| SureSelect LTI5500 P1 | S36- Wear suitable protective clothing. |
| SureSelect LTI5500 IA | S36- Wear suitable protective clothing. |
| SureSelect LTI Pre Capture Primer | S36- Wear suitable protective clothing. |
| SureSelect LT-BC1 through - BC16 | S36- Wear suitable protective clothing. |
| SureSelect RNase Block | S36- Wear suitable protective clothing. |
| SureSelect Hyb 3 | S36- Wear suitable protective clothing. |
| SureSelect Block 2 | S36- Wear suitable protective clothing. |
| SureSelect Indexing Block #1 | S36- Wear suitable protective clothing. |
| SureSelect LT Indexing Block #3 | S36- Wear suitable protective clothing. |
| SureSelect Hyb #1 | S36- Wear suitable protective clothing. |
| SureSelect Hyb #2 | S36- Wear suitable protective clothing. |
| SureSelect Hyb #4 | S36/37- Wear suitable protective clothing and gloves. |
| SureSelect Binding Buffer | S36- Wear suitable protective clothing. |
| SureSelect Wash Buffer 1 | S36- Wear suitable protective clothing. |
| SureSelect Wash Buffer 2 | S36- Wear suitable protective clothing. |

**Statement of hazardous/
dangerous nature**

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| : 10X End-Repair Buffer | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| 5X T4 DNA Ligase Buffer | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| Klenow DNA Polymerase | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| T4 DNA Ligase | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| T4 DNA Polymerase | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| T4 Polynucleotide Kinase | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| dNTP Mix | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| 10x Klenow Polymerase Buffer | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| Exo(-) Klenow | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| dATP | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| SureSelect LTI5500 P1 | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| SureSelect LTI5500 IA | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| SureSelect LTI Pre Capture Primer | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| SureSelect LT-BC1 through - BC16 | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| SureSelect RNase Block | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| SureSelect Hyb 3 | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| SureSelect Block 2 | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| SureSelect Indexing Block #1 | NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS. |
| SureSelect LT Indexing Block #3 | NON-HAZARDOUS SUBSTANCE. NON- |

2 . Hazards identification

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| SureSelect Hyb #1 | DANGEROUS GOODS. NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. |
| SureSelect Hyb #2 | NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. |
| SureSelect Hyb #4 | HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. |
| SureSelect Binding Buffer | NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. |
| SureSelect Wash Buffer 1 | NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. |
| SureSelect Wash Buffer 2 | NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. |

3 . Composition/information on ingredients

| | | | |
|----------------|---|-----------------------------------|------|
| Mixture | : | 10X End-Repair Buffer | Yes. |
| | | 5X T4 DNA Ligase Buffer | Yes. |
| | | Klenow DNA Polymerase | Yes. |
| | | T4 DNA Ligase | Yes. |
| | | T4 DNA Polymerase | Yes. |
| | | T4 Polynucleotide Kinase | Yes. |
| | | dNTP Mix | Yes. |
| | | 10x Klenow Polymerase Buffer | Yes. |
| | | Exo(-) Klenow | Yes. |
| | | dATP | Yes. |
| | | SureSelect LTI5500 P1 | Yes. |
| | | SureSelect LTI5500 IA | Yes. |
| | | SureSelect LTI Pre Capture Primer | Yes. |
| | | SureSelect LT-BC1 through - BC16 | Yes. |
| | | SureSelect RNase Block | Yes. |
| | | SureSelect Hyb 3 | Yes. |
| | | SureSelect Block 2 | Yes. |
| | | SureSelect Indexing Block #1 | Yes. |
| | | SureSelect LT Indexing Block #3 | Yes. |
| | | SureSelect Hyb #1 | Yes. |
| | | SureSelect Hyb #2 | Yes. |
| | | SureSelect Hyb #4 | Yes. |
| | | SureSelect Binding Buffer | Yes. |
| | | SureSelect Wash Buffer 1 | Yes. |
| | | SureSelect Wash Buffer 2 | Yes. |

| Ingredient name | CAS number | % |
|---|------------|----------|
| 5X T4 DNA Ligase Buffer Polyethylene glycol | 25322-68-3 | 10 - <30 |
| Klenow DNA Polymerase Glycerol | 56-81-5 | 30 - 60 |
| T4 DNA Ligase Glycerol | 56-81-5 | 30 - 60 |
| T4 DNA Polymerase Glycerol | 56-81-5 | 30 - 60 |
| T4 Polynucleotide Kinase Glycerol | 56-81-5 | 30 - 60 |
| Exo(-) Klenow Glycerol | 56-81-5 | 30 - 60 |
| SureSelect RNase Block Glycerol | 56-81-5 | 30 - 60 |

3 . Composition/information on ingredients

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| SureSelect Hyb #4 Sulfuric acid monododecyl ester sodium salt (1:1) | 8012-56-4 | <10 |
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Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

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

4 . First-aid measures

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| Inhalation | : 10X End-Repair Buffer | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | 5X T4 DNA Ligase Buffer | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | Klenow DNA Polymerase | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | T4 DNA Ligase | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | T4 DNA Polymerase | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | T4 Polynucleotide Kinase | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | dNTP Mix | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | 10x Klenow Polymerase Buffer | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | Exo(-) Klenow | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | dATP | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | SureSelect LTI5500 P1 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | SureSelect LTI5500 IA | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | SureSelect LTI Pre Capture | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |

4 . First-aid measures

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| Primer | position comfortable for breathing. Get medical attention if symptoms occur. |
| SureSelect LT-BC1 through - BC16 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| SureSelect RNase Block | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| SureSelect Hyb 3 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| SureSelect Block 2 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| SureSelect Indexing Block #1 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| SureSelect LT Indexing Block #3 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| SureSelect Hyb #1 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| SureSelect Hyb #2 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| SureSelect Hyb #4 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| SureSelect Binding Buffer | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| SureSelect Wash Buffer 1 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| SureSelect Wash Buffer 2 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| Ingestion : 10X End-Repair Buffer | 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. |
| 5X T4 DNA Ligase Buffer | Wash out mouth with water. Remove victim to |

4 . First-aid measures

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| | 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. |
| Klenow DNA Polymerase | 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. |
| T4 DNA Ligase | 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. |
| T4 DNA Polymerase | 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. |
| T4 Polynucleotide Kinase | 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. |
| dNTP 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. |
| 10x Klenow Polymerase Buffer | 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. |
| Exo(-) Klenow | 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. |
| dATP | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position |

4 . First-aid measures

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| | 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 LTI5500 P1 | 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 LTI5500 IA | 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 LTI Pre Capture 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. |
| SureSelect LT-BC1 through - BC16 | 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 RNase Block | 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 Hyb 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. |
| SureSelect Block 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. |
| SureSelect Indexing Block #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 |

4 . First-aid measures

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| | 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 LT Indexing Block #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. |
| SureSelect Hyb #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. |
| SureSelect Hyb #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. |
| SureSelect Hyb #4 | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| SureSelect Binding Buffer | 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 Wash Buffer 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. |
| SureSelect Wash Buffer 2 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position |

4 . First-aid measures

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| | | 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. |
| Skin contact | : 10X End-Repair Buffer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | 5X T4 DNA Ligase Buffer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | Klenow DNA Polymerase | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | T4 DNA Ligase | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | T4 DNA Polymerase | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | T4 Polynucleotide Kinase | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | dNTP Mix | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | 10x Klenow Polymerase Buffer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | Exo(-) Klenow | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | dATP | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect LTI5500 P1 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect LTI5500 IA | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect LTI Pre Capture Primer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect LT-BC1 through - BC16 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect RNase Block | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Hyb 3 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Block 2 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Indexing Block #1 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect LT Indexing Block #3 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Hyb #1 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get |

4 . First-aid measures

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| | SureSelect Hyb #2 | medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Hyb #4 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| | SureSelect Binding Buffer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Wash Buffer 1 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Wash Buffer 2 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| Eye contact | : 10X End-Repair Buffer | 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. |
| | 5X T4 DNA Ligase Buffer | 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. |
| | Klenow DNA Polymerase | 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. |
| | T4 DNA Ligase | 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. |
| | T4 DNA Polymerase | 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. |
| | T4 Polynucleotide Kinase | 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. |
| | dNTP 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. |
| | 10x Klenow Polymerase Buffer | 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. |
| | Exo(-) Klenow | 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. |
| | dATP | 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 LTI5500 P1 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get |

4 . First-aid measures

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| SureSelect LTI5500 IA | medical attention if irritation occurs. 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 LTI Pre Capture 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. |
| SureSelect LT-BC1 through - BC16 | 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 RNase Block | 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 Hyb 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. |
| SureSelect Block 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. |
| SureSelect Indexing Block #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. |
| SureSelect LT Indexing Block #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. |
| SureSelect Hyb #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. |
| SureSelect Hyb #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. |
| SureSelect Hyb #4 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs. |
| SureSelect Binding Buffer | 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 Wash Buffer 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. |
| SureSelect Wash Buffer 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. |

4 . First-aid measures

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| Protection of first-aiders | : 10X End-Repair Buffer | No action shall be taken involving any personal risk or without suitable training. |
| | 5X T4 DNA Ligase Buffer | No action shall be taken involving any personal risk or without suitable training. |
| | Klenow DNA Polymerase | No action shall be taken involving any personal risk or without suitable training. |
| | T4 DNA Ligase | No action shall be taken involving any personal risk or without suitable training. |
| | T4 DNA Polymerase | No action shall be taken involving any personal risk or without suitable training. |
| | T4 Polynucleotide Kinase | No action shall be taken involving any personal risk or without suitable training. |
| | dNTP Mix | No action shall be taken involving any personal risk or without suitable training. |
| | 10x Klenow Polymerase Buffer | No action shall be taken involving any personal risk or without suitable training. |
| | Exo(-) Klenow | No action shall be taken involving any personal risk or without suitable training. |
| | dATP | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect LTI5500 P1 | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect LTI5500 IA | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect LTI Pre Capture Primer | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect LT-BC1 through - BC16 | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect RNase Block | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect Hyb 3 | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect Block 2 | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect Indexing Block #1 | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect LT Indexing Block #3 | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect Hyb #1 | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect Hyb #2 | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect Hyb #4 | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |
| | SureSelect Binding Buffer | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect Wash Buffer 1 | No action shall be taken involving any personal risk or without suitable training. |
| | SureSelect Wash Buffer 2 | No action shall be taken involving any personal risk or without suitable training. |
| Advice to doctor | : 10X End-Repair Buffer | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | 5X T4 DNA Ligase Buffer | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | Klenow DNA Polymerase | No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been |

4 . First-aid measures

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| T4 DNA Ligase | <p>ingested or inhaled. No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| T4 DNA Polymerase | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| T4 Polynucleotide Kinase | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| dNTP Mix | <p>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</p> |
| 10x Klenow Polymerase Buffer | <p>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</p> |
| Exo(-) Klenow | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| dATP | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| SureSelect LTI5500 P1 | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| SureSelect LTI5500 IA | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| SureSelect LTI Pre Capture Primer | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| SureSelect LT-BC1 through - BC16 | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| SureSelect RNase Block | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| SureSelect Hyb 3 | <p>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</p> |
| SureSelect Block 2 | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| SureSelect Indexing Block #1 | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |
| SureSelect LT Indexing Block #3 | <p>No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> |

4 . First-aid measures

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| SureSelect Hyb #1 | No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect Hyb #2 | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| SureSelect Hyb #4 | No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect Binding Buffer | No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect Wash Buffer 1 | No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect Wash Buffer 2 | No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |

5 . Fire-fighting measures

Extinguishing media

Suitable

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| : 10X End-Repair Buffer | Use an extinguishing agent suitable for the surrounding fire. |
| 5X T4 DNA Ligase Buffer | Use an extinguishing agent suitable for the surrounding fire. |
| Klenow DNA Polymerase | Use an extinguishing agent suitable for the surrounding fire. |
| T4 DNA Ligase | Use an extinguishing agent suitable for the surrounding fire. |
| T4 DNA Polymerase | Use an extinguishing agent suitable for the surrounding fire. |
| T4 Polynucleotide Kinase | Use an extinguishing agent suitable for the surrounding fire. |
| dNTP Mix | Use an extinguishing agent suitable for the surrounding fire. |
| 10x Klenow Polymerase Buffer | Use an extinguishing agent suitable for the surrounding fire. |
| Exo(-) Klenow | Use an extinguishing agent suitable for the surrounding fire. |
| dATP | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect LTI5500 P1 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect LTI5500 IA | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect LTI Pre Capture Primer | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect LT-BC1 through - BC16 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect RNase Block | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Hyb 3 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Block 2 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Indexing Block #1 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect LT Indexing Block #3 | Use an extinguishing agent suitable for the surrounding fire. |

5 . Fire-fighting measures

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| | SureSelect Hyb #1 | surrounding fire. Use an extinguishing agent suitable for the surrounding fire. |
| | SureSelect Hyb #2 | Use an extinguishing agent suitable for the surrounding fire. |
| | SureSelect Hyb #4 | Use an extinguishing agent suitable for the surrounding fire. |
| | SureSelect Binding Buffer | Use an extinguishing agent suitable for the surrounding fire. |
| | SureSelect Wash Buffer 1 | Use an extinguishing agent suitable for the surrounding fire. |
| | SureSelect Wash Buffer 2 | Use an extinguishing agent suitable for the surrounding fire. |
| Not suitable | : 10X End-Repair Buffer | None known. |
| | 5X T4 DNA Ligase Buffer | None known. |
| | Klenow DNA Polymerase | None known. |
| | T4 DNA Ligase | None known. |
| | T4 DNA Polymerase | None known. |
| | T4 Polynucleotide Kinase | None known. |
| | dNTP Mix | None known. |
| | 10x Klenow Polymerase Buffer | None known. |
| | Exo(-) Klenow | None known. |
| | dATP | None known. |
| | SureSelect LTI5500 P1 | None known. |
| | SureSelect LTI5500 IA | None known. |
| | SureSelect LTI Pre Capture Primer | None known. |
| | SureSelect LT-BC1 through - BC16 | None known. |
| | SureSelect RNase Block | None known. |
| | SureSelect Hyb 3 | None known. |
| | SureSelect Block 2 | None known. |
| | SureSelect Indexing Block #1 | None known. |
| | SureSelect LT Indexing Block #3 | None known. |
| | SureSelect Hyb #1 | None known. |
| | SureSelect Hyb #2 | None known. |
| | SureSelect Hyb #4 | None known. |
| | SureSelect Binding Buffer | None known. |
| | SureSelect Wash Buffer 1 | None known. |
| | SureSelect Wash Buffer 2 | None known. |
| Special exposure hazards | : 10X End-Repair Buffer | 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. |
| | 5X T4 DNA Ligase Buffer | 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. |
| | Klenow DNA Polymerase | 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. |
| | T4 DNA Ligase | 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. |
| | T4 DNA Polymerase | 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. |
| | T4 Polynucleotide Kinase | 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. |
| | dNTP Mix | Promptly isolate the scene by removing all |

5 . Fire-fighting measures

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| 10x Klenow Polymerase Buffer | 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. |
| Exo(-) Klenow | 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. |
| dATP | 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. |
| SureSelect LTI5500 P1 | 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. |
| SureSelect LTI5500 IA | 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. |
| SureSelect LTI Pre Capture Primer | 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. |
| SureSelect LT-BC1 through - BC16 | 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. |
| SureSelect RNase Block | 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. |
| SureSelect Hyb 3 | 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. |
| SureSelect Block 2 | 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. |
| SureSelect Indexing Block #1 | 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. |
| SureSelect LT Indexing Block #3 | 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. |
| SureSelect Hyb #1 | 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. |
| SureSelect Hyb #2 | 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. |
| SureSelect Hyb #4 | 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. |
| SureSelect Binding Buffer | Promptly isolate the scene by removing all persons from the vicinity of the incident if there |

5 . Fire-fighting measures

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| SureSelect Wash Buffer 1 | 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. |
| SureSelect Wash Buffer 2 | 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. |
| 10X End-Repair Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| 5X T4 DNA Ligase Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| Klenow DNA Polymerase | In a fire or if heated, a pressure increase will occur and the container may burst. |
| T4 DNA Ligase | In a fire or if heated, a pressure increase will occur and the container may burst. |
| T4 DNA Polymerase | In a fire or if heated, a pressure increase will occur and the container may burst. |
| T4 Polynucleotide Kinase | In a fire or if heated, a pressure increase will occur and the container may burst. |
| dNTP Mix | In a fire or if heated, a pressure increase will occur and the container may burst. |
| 10x Klenow Polymerase Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| Exo(-) Klenow | In a fire or if heated, a pressure increase will occur and the container may burst. |
| dATP | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect LTI5500 P1 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect LTI5500 IA | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect LTI Pre Capture Primer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect LT-BC1 through - BC16 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect RNase Block | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect Hyb 3 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect Block 2 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect Indexing Block #1 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect LT Indexing Block #3 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect Hyb #1 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect Hyb #2 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect Hyb #4 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect Binding Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect Wash Buffer 1 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| SureSelect Wash Buffer 2 | In a fire or if heated, a pressure increase will occur and the container may burst. |

5 . Fire-fighting measures

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| <p>Hazardous thermal decomposition products</p> | <p>: 10X End-Repair Buffer</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides</p> |
| | <p>5X T4 DNA Ligase Buffer</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides</p> |
| | <p>Klenow DNA Polymerase</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide</p> |
| | <p>T4 DNA Ligase</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide</p> |
| | <p>T4 DNA Polymerase</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide</p> |
| | <p>T4 Polynucleotide Kinase</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide</p> |
| | <p>dNTP Mix</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides</p> |
| | <p>10x Klenow Polymerase Buffer</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides</p> |
| | <p>Exo(-) Klenow</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide</p> |
| | <p>dATP</p> | <p>No specific data.</p> |
| | <p>SureSelect LTI5500 P1</p> | <p>No specific data.</p> |
| | <p>SureSelect LTI5500 IA</p> | <p>No specific data.</p> |
| | <p>SureSelect LTI Pre Capture Primer</p> | <p>No specific data.</p> |
| | <p>SureSelect LT-BC1 through - BC16</p> | <p>No specific data.</p> |
| | <p>SureSelect RNase Block</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide</p> |
| | <p>SureSelect Hyb 3</p> | <p>Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds</p> |

5 . Fire-fighting measures

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| SureSelect Block 2 | No specific data. |
| SureSelect Indexing Block #1 | No specific data. |
| SureSelect LT Indexing Block #3 | No specific data. |
| SureSelect Hyb #1 | Decomposition products may include the following materials: phosphorus oxides halogenated compounds metal oxide/oxides |
| SureSelect Hyb #2 | Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides |
| SureSelect Hyb #4 | Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides |
| SureSelect Binding Buffer | Decomposition products may include the following materials: halogenated compounds metal oxide/oxides |
| SureSelect Wash Buffer 1 | No specific data. |
| SureSelect Wash Buffer 2 | No specific data. |

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

6 . Accidental release measures

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| Personal precautions | : 10X End-Repair Buffer | 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 (see Section 8). |
| | 5X T4 DNA Ligase Buffer | 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 (see Section 8). |
| | Klenow DNA Polymerase | 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 (see Section 8). |
| | T4 DNA Ligase | 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 (see Section 8). |
| | T4 DNA Polymerase | 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 |

6 . Accidental release measures

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| | appropriate personal protective equipment (see Section 8). |
| T4 Polynucleotide Kinase | 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 (see Section 8). |
| dNTP Mix | 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 (see Section 8). |
| 10x Klenow Polymerase Buffer | 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 (see Section 8). |
| Exo(-) Klenow | 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 (see Section 8). |
| dATP | 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 (see Section 8). |
| SureSelect LTI5500 P1 | 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 (see Section 8). |
| SureSelect LTI5500 IA | 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 (see Section 8). |
| SureSelect LTI Pre Capture 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 (see Section 8). |
| SureSelect LT-BC1 through - BC16 | 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 (see Section 8). |

6 . Accidental release measures

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| SureSelect RNase Block | 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 (see Section 8). |
| SureSelect Hyb 3 | 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 (see Section 8). |
| SureSelect Block 2 | 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 (see Section 8). |
| SureSelect Indexing Block #1 | 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 (see Section 8). |
| SureSelect LT Indexing Block #3 | 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 (see Section 8). |
| SureSelect Hyb #1 | 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 (see Section 8). |
| SureSelect Hyb #2 | 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 (see Section 8). |
| SureSelect Hyb #4 | 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. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8). |
| SureSelect Binding Buffer | 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 (see Section 8). |

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| SureSelect Wash Buffer 1 | 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 (see Section 8). |
| SureSelect Wash Buffer 2 | 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 (see Section 8). |
| Environmental precautions : 10X End-Repair Buffer | 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). |
| 5X T4 DNA Ligase Buffer | 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). |
| Klenow DNA Polymerase | 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). |
| T4 DNA Ligase | 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). |
| T4 DNA Polymerase | 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). |
| T4 Polynucleotide Kinase | 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). |
| dNTP 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). |
| 10x Klenow Polymerase Buffer | 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). |
| Exo(-) Klenow | 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). |
| dATP | 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 LTI5500 P1 | Avoid dispersal of spilt material and runoff and |

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| | contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect LTI5500 IA | 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 LTI Pre Capture 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). |
| SureSelect LT-BC1 through - BC16 | 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 RNase Block | 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 Hyb 3 | 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 Block 2 | 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 Indexing Block #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). |
| SureSelect LT Indexing Block #3 | 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 Hyb #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). |
| SureSelect Hyb #2 | 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 Hyb #4 | 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 Binding Buffer | 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 Wash Buffer 1 | Avoid dispersal of spilt material and runoff and |

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| | | contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| | SureSelect Wash Buffer 2 | 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 for cleaning up | : 10X End-Repair Buffer | 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. |
| | 5X T4 DNA Ligase Buffer | 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. |
| | Klenow DNA Polymerase | 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. |
| | T4 DNA Ligase | 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. |
| | T4 DNA Polymerase | 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. |
| | T4 Polynucleotide Kinase | 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. |
| | dNTP 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. |
| | 10x Klenow Polymerase Buffer | 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. |

6 . Accidental release measures

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| Exo(-) Klenow | 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. |
| dATP | 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 LTI5500 P1 | 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 LTI5500 IA | 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 LTI Pre Capture 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. |
| SureSelect LT-BC1 through - BC16 | 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 RNase Block | 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 Hyb 3 | 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 Block 2 | 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 Indexing Block #1 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if |

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| | 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 LT Indexing Block #3 | 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 Hyb #1 | 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 Hyb #2 | 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 Hyb #4 | 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 Binding Buffer | 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 Wash Buffer 1 | 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 Wash Buffer 2 | 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. |

7 . Handling and storage

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| Handling | : 10X End-Repair Buffer | Put on appropriate personal protective equipment (see Section 8). 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. |
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| 5X T4 DNA Ligase Buffer | Put on appropriate personal protective equipment (see Section 8). 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. |
| Klenow DNA Polymerase | Put on appropriate personal protective equipment (see Section 8). 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. |
| T4 DNA Ligase | Put on appropriate personal protective equipment (see Section 8). 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. |
| T4 DNA Polymerase | Put on appropriate personal protective equipment (see Section 8). 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. |
| T4 Polynucleotide Kinase | Put on appropriate personal protective equipment (see Section 8). 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. |
| dNTP Mix | Put on appropriate personal protective equipment (see Section 8). 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. |
| 10x Klenow Polymerase Buffer | Put on appropriate personal protective equipment (see Section 8). 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. |
| Exo(-) Klenow | Put on appropriate personal protective equipment (see Section 8). 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. |
| dATP | Put on appropriate personal protective |

7 . Handling and storage

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| SureSelect LTI5500 P1 | equipment (see Section 8). 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. Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect LTI5500 IA | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect LTI Pre Capture Primer | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect LT-BC1 through - BC16 | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect RNase Block | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect Hyb 3 | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect Block 2 | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect Indexing Block #1 | Put on appropriate personal protective equipment (see Section 8). Eating, drinking |

7 . Handling and storage

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| SureSelect LT Indexing Block #3 | 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. |
| SureSelect Hyb #1 | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect Hyb #2 | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect Hyb #4 | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect Binding Buffer | Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
| SureSelect Wash Buffer 1 | Put on appropriate personal protective equipment (see Section 8). 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. |
| SureSelect Wash Buffer 2 | Put on appropriate personal protective |

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| Storage | : 10X End-Repair Buffer | <p>equipment (see Section 8). 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.</p> <p>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.</p> |
| | 5X T4 DNA Ligase Buffer | <p>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.</p> |
| | Klenow DNA Polymerase | <p>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.</p> |
| | T4 DNA Ligase | <p>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.</p> |
| | T4 DNA Polymerase | <p>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.</p> |
| | T4 Polynucleotide Kinase | <p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area,</p> |

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| | 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. |
| dNTP 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. |
| 10x Klenow Polymerase Buffer | 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. |
| Exo(-) Klenow | 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. |
| dATP | 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 LTI5500 P1 | 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 LTI5500 IA | Store in accordance with local regulations. Store in original container protected from direct |

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| SureSelect LTI Pre Capture Primer | <p>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.</p> <p>Store in accordance with local regulations.</p> |
| SureSelect LT-BC1 through - BC16 | <p>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.</p> <p>Store in accordance with local regulations.</p> |
| SureSelect RNase Block | <p>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.</p> <p>Store in accordance with local regulations.</p> |
| SureSelect Hyb 3 | <p>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.</p> <p>Store in accordance with local regulations.</p> |
| SureSelect Block 2 | <p>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.</p> <p>Store in accordance with local regulations.</p> |
| SureSelect Indexing Block #1 | <p>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.</p> <p>Store in accordance with local regulations.</p> |

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| | <p>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.</p> |
| SureSelect LT Indexing Block #3 | <p>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.</p> |
| SureSelect Hyb #1 | <p>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.</p> |
| SureSelect Hyb #2 | <p>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.</p> |
| SureSelect Hyb #4 | <p>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.</p> |
| SureSelect Binding Buffer | <p>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.</p> |

7 . Handling and storage

SureSelect Wash Buffer 1

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 Wash Buffer 2

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.

8 . Exposure controls/personal protection

Occupational exposure limits

| <u>Ingredient name</u> | <u>Exposure limits</u> |
|---|---|
| 5X T4 DNA Ligase Buffer Polyethylene glycol | TRGS900 AGW (Germany, 8/2010). PEAK: 8000 mg/m ³ 15 minutes. Form: inhalable fraction TWA: 1000 mg/m ³ 8 hours. Form: inhalable fraction |
| Klenow DNA Polymerase Glycerol | Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours. |
| T4 DNA Ligase Glycerol | Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours. |
| T4 DNA Polymerase Glycerol | Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours. |
| T4 Polynucleotide Kinase Glycerol | Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours. |
| Exo(-) Klenow Glycerol | Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours. |
| SureSelect RNase Block Glycerol | Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours. |

No additional exposure standard allocated for other ingredients/components covered by the MSDS other than those listed in the table above.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Exposure controls

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

8 . Exposure controls/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.
- Eyes** : 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 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.
- Hands** : 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.
- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Skin** : 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.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9 . Physical and chemical properties

| | | | |
|-----------------------|---------------------------|--------------------------------------|----------------|
| Physical state | : | 10X End-Repair Buffer | Liquid. |
| | | 5X T4 DNA Ligase Buffer | Liquid. |
| | | Klenow DNA Polymerase | Liquid. |
| | | T4 DNA Ligase | Liquid. |
| | | T4 DNA Polymerase | Liquid. |
| | | T4 Polynucleotide Kinase | Liquid. |
| | | dNTP Mix | Liquid. |
| | | 10x Klenow Polymerase Buffer | Liquid. |
| | | Exo(-) Klenow | Liquid. |
| | | dATP | Liquid. |
| | | SureSelect LTI5500 P1 | Liquid. |
| | | SureSelect LTI5500 IA | Liquid. |
| | | SureSelect LTI Pre Capture Primer | Liquid. |
| | | SureSelect LT-BC1 through - BC16 | Liquid. |
| | | SureSelect RNase Block | Liquid. |
| | | SureSelect Hyb 3 | Liquid. |
| | | SureSelect Block 2 | Liquid. |
| | | SureSelect Indexing Block #1 | Liquid. |
| | | SureSelect LT Indexing Block #3 | Liquid. |
| | | SureSelect Hyb #1 | Liquid. |
| | | SureSelect Hyb #2 | Liquid. |
| | SureSelect Hyb #4 | Liquid. | |
| | SureSelect Binding Buffer | Liquid. | |
| | SureSelect Wash Buffer 1 | Liquid. | |
| | SureSelect Wash Buffer 2 | Liquid. | |
| Colour | : | 10X End-Repair Buffer | Not available. |
| | | 5X T4 DNA Ligase Buffer | Not available. |
| | | Klenow DNA Polymerase | Not available. |
| | | T4 DNA Ligase | Not available. |
| | | T4 DNA Polymerase | Not available. |
| | | T4 Polynucleotide Kinase | Not available. |
| | | dNTP Mix | Not available. |
| | | 10x Klenow Polymerase Buffer | Not available. |
| | | Exo(-) Klenow | Not available. |
| | | dATP | Not available. |

9 . Physical and chemical properties

| | | |
|------------------------|--------------------------------------|----------------|
| | SureSelect LTI5500 P1 | Not available. |
| | SureSelect LTI5500 IA | Not available. |
| | SureSelect LTI Pre Capture Primer | Not available. |
| | SureSelect LT-BC1 through - BC16 | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Hyb 3 | Not available. |
| | SureSelect Block 2 | Colourless. |
| | SureSelect Indexing Block #1 | Not available. |
| | SureSelect LT Indexing Block #3 | Not available. |
| | SureSelect Hyb #1 | Not available. |
| | SureSelect Hyb #2 | Not available. |
| | SureSelect Hyb #4 | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| Odour | : 10X End-Repair Buffer | Not available. |
| | 5X T4 DNA Ligase Buffer | Not available. |
| | Klenow DNA Polymerase | Not available. |
| | T4 DNA Ligase | Not available. |
| | T4 DNA Polymerase | Not available. |
| | T4 Polynucleotide Kinase | Not available. |
| | dNTP Mix | Not available. |
| | 10x Klenow Polymerase Buffer | Not available. |
| | Exo(-) Klenow | Not available. |
| | dATP | Not available. |
| | SureSelect LTI5500 P1 | Not available. |
| | SureSelect LTI5500 IA | Not available. |
| | SureSelect LTI Pre Capture Primer | Not available. |
| | SureSelect LT-BC1 through - BC16 | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Hyb 3 | Not available. |
| | SureSelect Block 2 | Odourless. |
| | SureSelect Indexing Block #1 | Not available. |
| | SureSelect LT Indexing Block #3 | Not available. |
| | SureSelect Hyb #1 | Not available. |
| | SureSelect Hyb #2 | Not available. |
| | SureSelect Hyb #4 | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| Odour threshold | : 10X End-Repair Buffer | Not available. |
| | 5X T4 DNA Ligase Buffer | Not available. |
| | Klenow DNA Polymerase | Not available. |
| | T4 DNA Ligase | Not available. |
| | T4 DNA Polymerase | Not available. |
| | T4 Polynucleotide Kinase | Not available. |
| | dNTP Mix | Not available. |
| | 10x Klenow Polymerase Buffer | Not available. |
| | Exo(-) Klenow | Not available. |
| | dATP | Not available. |
| | SureSelect LTI5500 P1 | Not available. |
| | SureSelect LTI5500 IA | Not available. |
| | SureSelect LTI Pre Capture Primer | Not available. |
| | SureSelect LT-BC1 through - BC16 | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Hyb 3 | Not available. |
| | SureSelect Block 2 | Not available. |
| | SureSelect Indexing Block #1 | Not available. |
| | SureSelect LT Indexing Block #3 | Not available. |

9 . Physical and chemical properties

| | | |
|----------------------|--------------------------------------|----------------|
| | SureSelect Hyb #1 | Not available. |
| | SureSelect Hyb #2 | Not available. |
| | SureSelect Hyb #4 | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| Boiling point | : 10X End-Repair Buffer | Not available. |
| | 5X T4 DNA Ligase Buffer | Not available. |
| | Klenow DNA Polymerase | Not available. |
| | T4 DNA Ligase | Not available. |
| | T4 DNA Polymerase | Not available. |
| | T4 Polynucleotide Kinase | Not available. |
| | dNTP Mix | 100°C (212°F) |
| | 10x Klenow Polymerase Buffer | Not available. |
| | Exo(-) Klenow | Not available. |
| | dATP | 100°C (212°F) |
| | SureSelect LTI5500 P1 | 100°C (212°F) |
| | SureSelect LTI5500 IA | 100°C (212°F) |
| | SureSelect LTI Pre Capture Primer | 100°C (212°F) |
| | SureSelect LT-BC1 through - BC16 | 100°C (212°F) |
| | SureSelect RNase Block | Not available. |
| | SureSelect Hyb 3 | 100°C (212°F) |
| | SureSelect Block 2 | 100°C (212°F) |
| | SureSelect Indexing Block #1 | 100°C (212°F) |
| | SureSelect LT Indexing Block #3 | 100°C (212°F) |
| | SureSelect Hyb #1 | Not available. |
| | SureSelect Hyb #2 | Not available. |
| | SureSelect Hyb #4 | 100°C (212°F) |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | 100°C (212°F) |
| | SureSelect Wash Buffer 2 | 100°C (212°F) |
| Melting point | : 10X End-Repair Buffer | Not available. |
| | 5X T4 DNA Ligase Buffer | Not available. |
| | Klenow DNA Polymerase | Not available. |
| | T4 DNA Ligase | Not available. |
| | T4 DNA Polymerase | Not available. |
| | T4 Polynucleotide Kinase | Not available. |
| | dNTP Mix | 0°C (32°F) |
| | 10x Klenow Polymerase Buffer | Not available. |
| | Exo(-) Klenow | Not available. |
| | dATP | 0°C (32°F) |
| | SureSelect LTI5500 P1 | 0°C (32°F) |
| | SureSelect LTI5500 IA | 0°C (32°F) |
| | SureSelect LTI Pre Capture Primer | 0°C (32°F) |
| | SureSelect LT-BC1 through - BC16 | 0°C (32°F) |
| | SureSelect RNase Block | Not available. |
| | SureSelect Hyb 3 | 0°C (32°F) |
| | SureSelect Block 2 | 0°C (32°F) |
| | SureSelect Indexing Block #1 | 0°C (32°F) |
| | SureSelect LT Indexing Block #3 | 0°C (32°F) |
| | SureSelect Hyb #1 | Not available. |
| | SureSelect Hyb #2 | Not available. |
| | SureSelect Hyb #4 | 0°C (32°F) |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | 0°C (32°F) |
| | SureSelect Wash Buffer 2 | 0°C (32°F) |

9 . Physical and chemical properties

| | | | |
|-------------------------|---|--------------------------------------|----------------|
| Vapour pressure | : | 10X End-Repair Buffer | Not available. |
| | | 5X T4 DNA Ligase Buffer | Not available. |
| | | Klenow DNA Polymerase | Not available. |
| | | T4 DNA Ligase | Not available. |
| | | T4 DNA Polymerase | Not available. |
| | | T4 Polynucleotide Kinase | Not available. |
| | | dNTP Mix | Not available. |
| | | 10x Klenow Polymerase Buffer | Not available. |
| | | Exo(-) Klenow | Not available. |
| | | dATP | Not available. |
| | | SureSelect LTI5500 P1 | Not available. |
| | | SureSelect LTI5500 IA | Not available. |
| | | SureSelect LTI Pre Capture Primer | Not available. |
| | | SureSelect LT-BC1 through - BC16 | Not available. |
| | | SureSelect RNase Block | Not available. |
| | | SureSelect Hyb 3 | Not available. |
| | | SureSelect Block 2 | Not available. |
| | | SureSelect Indexing Block #1 | Not available. |
| | | SureSelect LT Indexing Block #3 | Not available. |
| | | SureSelect Hyb #1 | Not available. |
| | | SureSelect Hyb #2 | Not available. |
| | | SureSelect Hyb #4 | Not available. |
| | | SureSelect Binding Buffer | Not available. |
| | | SureSelect Wash Buffer 1 | Not available. |
| | | SureSelect Wash Buffer 2 | Not available. |
| Relative density | : | 10X End-Repair Buffer | Not available. |
| | | 5X T4 DNA Ligase Buffer | Not available. |
| | | Klenow DNA Polymerase | Not available. |
| | | T4 DNA Ligase | Not available. |
| | | T4 DNA Polymerase | Not available. |
| | | T4 Polynucleotide Kinase | Not available. |
| | | dNTP Mix | Not available. |
| | | 10x Klenow Polymerase Buffer | Not available. |
| | | Exo(-) Klenow | Not available. |
| | | dATP | Not available. |
| | | SureSelect LTI5500 P1 | Not available. |
| | | SureSelect LTI5500 IA | Not available. |
| | | SureSelect LTI Pre Capture Primer | Not available. |
| | | SureSelect LT-BC1 through - BC16 | Not available. |
| | | SureSelect RNase Block | Not available. |
| | | SureSelect Hyb 3 | Not available. |
| | | SureSelect Block 2 | Not available. |
| | | SureSelect Indexing Block #1 | Not available. |
| | | SureSelect LT Indexing Block #3 | Not available. |
| | | SureSelect Hyb #1 | Not available. |
| | | SureSelect Hyb #2 | Not available. |
| | | SureSelect Hyb #4 | Not available. |
| | | SureSelect Binding Buffer | Not available. |
| | | SureSelect Wash Buffer 1 | Not available. |
| | | SureSelect Wash Buffer 2 | Not available. |
| Flash point | : | 10X End-Repair Buffer | Not available. |
| | | 5X T4 DNA Ligase Buffer | Not available. |
| | | Klenow DNA Polymerase | Not available. |
| | | T4 DNA Ligase | Not available. |
| | | T4 DNA Polymerase | Not available. |
| | | T4 Polynucleotide Kinase | Not available. |
| | | dNTP Mix | Not available. |
| | | 10x Klenow Polymerase Buffer | Not available. |
| | | Exo(-) Klenow | Not available. |
| | | dATP | Not available. |
| | | SureSelect LTI5500 P1 | Not available. |

9 . Physical and chemical properties

| | |
|--------------------------------------|----------------|
| SureSelect LTI5500 IA | Not available. |
| SureSelect LTI Pre Capture Primer | Not available. |
| SureSelect LT-BC1 through - BC16 | Not available. |
| SureSelect RNase Block | Not available. |
| SureSelect Hyb 3 | Not available. |
| SureSelect Block 2 | Not available. |
| SureSelect Indexing Block #1 | Not available. |
| SureSelect LT Indexing Block #3 | Not available. |
| SureSelect Hyb #1 | Not available. |
| SureSelect Hyb #2 | Not available. |
| SureSelect Hyb #4 | Not available. |
| SureSelect Binding Buffer | Not available. |
| SureSelect Wash Buffer 1 | Not available. |
| SureSelect Wash Buffer 2 | Not available. |

Flammable limits

| | |
|--------------------------------------|----------------|
| : 10X End-Repair Buffer | Not available. |
| 5X T4 DNA Ligase Buffer | Not available. |
| Klenow DNA Polymerase | Not available. |
| T4 DNA Ligase | Not available. |
| T4 DNA Polymerase | Not available. |
| T4 Polynucleotide Kinase | Not available. |
| dNTP Mix | Not available. |
| 10x Klenow Polymerase Buffer | Not available. |
| Exo(-) Klenow | Not available. |
| dATP | Not available. |
| SureSelect LTI5500 P1 | Not available. |
| SureSelect LTI5500 IA | Not available. |
| SureSelect LTI Pre Capture Primer | Not available. |
| SureSelect LT-BC1 through - BC16 | Not available. |
| SureSelect RNase Block | Not available. |
| SureSelect Hyb 3 | Not available. |
| SureSelect Block 2 | Not available. |
| SureSelect Indexing Block #1 | Not available. |
| SureSelect LT Indexing Block #3 | Not available. |
| SureSelect Hyb #1 | Not available. |
| SureSelect Hyb #2 | Not available. |
| SureSelect Hyb #4 | Not available. |
| SureSelect Binding Buffer | Not available. |
| SureSelect Wash Buffer 1 | Not available. |
| SureSelect Wash Buffer 2 | Not available. |

Vapour density

| | |
|--------------------------------------|----------------|
| : 10X End-Repair Buffer | Not available. |
| 5X T4 DNA Ligase Buffer | Not available. |
| Klenow DNA Polymerase | Not available. |
| T4 DNA Ligase | Not available. |
| T4 DNA Polymerase | Not available. |
| T4 Polynucleotide Kinase | Not available. |
| dNTP Mix | Not available. |
| 10x Klenow Polymerase Buffer | Not available. |
| Exo(-) Klenow | Not available. |
| dATP | Not available. |
| SureSelect LTI5500 P1 | Not available. |
| SureSelect LTI5500 IA | Not available. |
| SureSelect LTI Pre Capture Primer | Not available. |
| SureSelect LT-BC1 through - BC16 | Not available. |
| SureSelect RNase Block | Not available. |
| SureSelect Hyb 3 | Not available. |
| SureSelect Block 2 | Not available. |
| SureSelect Indexing Block #1 | Not available. |
| SureSelect LT Indexing Block #3 | Not available. |
| SureSelect Hyb #1 | Not available. |

9 . Physical and chemical properties

| | | |
|---------------------------|--------------------------------------|----------------|
| | SureSelect Hyb #2 | Not available. |
| | SureSelect Hyb #4 | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| pH | : 10X End-Repair Buffer | 7.5 |
| | 5X T4 DNA Ligase Buffer | 7.5 |
| | Klenow DNA Polymerase | 7 |
| | T4 DNA Ligase | 7.4 |
| | T4 DNA Polymerase | 6.5 |
| | T4 Polynucleotide Kinase | 7.4 |
| | dNTP Mix | 7.5 |
| | 10x Klenow Polymerase Buffer | 7.5 |
| | Exo(-) Klenow | 7 |
| | dATP | Not available. |
| | SureSelect LTI5500 P1 | Not available. |
| | SureSelect LTI5500 IA | Not available. |
| | SureSelect LTI Pre Capture Primer | Not available. |
| | SureSelect LT-BC1 through - BC16 | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Hyb 3 | 7 to 8 |
| | SureSelect Block 2 | Not available. |
| | SureSelect Indexing Block #1 | Not available. |
| | SureSelect LT Indexing Block #3 | Not available. |
| | SureSelect Hyb #1 | 7.4 |
| SureSelect Hyb #2 | 8 | |
| SureSelect Hyb #4 | 5.2 to 6.2 | |
| SureSelect Binding Buffer | 7.1 to 8.1 | |
| SureSelect Wash Buffer 1 | 6.5 to 7.5 | |
| SureSelect Wash Buffer 2 | 6.8 to 7.8 | |
| Viscosity | : 10X End-Repair Buffer | Not available. |
| | 5X T4 DNA Ligase Buffer | Not available. |
| | Klenow DNA Polymerase | Not available. |
| | T4 DNA Ligase | Not available. |
| | T4 DNA Polymerase | Not available. |
| | T4 Polynucleotide Kinase | Not available. |
| | dNTP Mix | Not available. |
| | 10x Klenow Polymerase Buffer | Not available. |
| | Exo(-) Klenow | Not available. |
| | dATP | Not available. |
| | SureSelect LTI5500 P1 | Not available. |
| | SureSelect LTI5500 IA | Not available. |
| | SureSelect LTI Pre Capture Primer | Not available. |
| | SureSelect LT-BC1 through - BC16 | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Hyb 3 | Not available. |
| | SureSelect Block 2 | Not available. |
| | SureSelect Indexing Block #1 | Not available. |
| | SureSelect LT Indexing Block #3 | Not available. |
| | SureSelect Hyb #1 | Not available. |
| SureSelect Hyb #2 | Not available. | |
| SureSelect Hyb #4 | Not available. | |
| SureSelect Binding Buffer | Not available. | |
| SureSelect Wash Buffer 1 | Not available. | |
| SureSelect Wash Buffer 2 | Not available. | |

9 . Physical and chemical properties

| | |
|-----------------------------------|--|
| dNTP Mix | and hot water. Easily soluble in the following materials: cold water and hot water. |
| 10x Klenow Polymerase Buffer | Easily soluble in the following materials: cold water and hot water. |
| Exo(-) Klenow | Soluble in the following materials: cold water and hot water. |
| dATP | Easily soluble in the following materials: cold water and hot water. |
| SureSelect LTI5500 P1 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect LTI5500 IA | Easily soluble in the following materials: cold water and hot water. |
| SureSelect LTI Pre Capture Primer | Easily soluble in the following materials: cold water and hot water. |
| SureSelect LT-BC1 through - BC16 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect RNase Block | Soluble in the following materials: cold water and hot water. |
| SureSelect Hyb 3 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Block 2 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Indexing Block #1 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect LT Indexing Block #3 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Hyb #1 | Soluble in the following materials: cold water and hot water. |
| SureSelect Hyb #2 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Hyb #4 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Binding Buffer | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Wash Buffer 1 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Wash Buffer 2 | Easily soluble in the following materials: cold water and hot water. |

10 . Stability and reactivity

| | | | |
|---------------------------|---|-----------------------------------|------------------------|
| Chemical stability | : | 10X End-Repair Buffer | The product is stable. |
| | | 5X T4 DNA Ligase Buffer | The product is stable. |
| | | Klenow DNA Polymerase | The product is stable. |
| | | T4 DNA Ligase | The product is stable. |
| | | T4 DNA Polymerase | The product is stable. |
| | | T4 Polynucleotide Kinase | The product is stable. |
| | | dNTP Mix | The product is stable. |
| | | 10x Klenow Polymerase Buffer | The product is stable. |
| | | Exo(-) Klenow | The product is stable. |
| | | dATP | The product is stable. |
| | | SureSelect LTI5500 P1 | The product is stable. |
| | | SureSelect LTI5500 IA | The product is stable. |
| | | SureSelect LTI Pre Capture Primer | The product is stable. |
| | | SureSelect LT-BC1 through - BC16 | The product is stable. |
| | | SureSelect RNase Block | The product is stable. |
| | | SureSelect Hyb 3 | The product is stable. |
| | | SureSelect Block 2 | The product is stable. |
| | | SureSelect Indexing Block #1 | The product is stable. |
| | | SureSelect LT Indexing Block #3 | The product is stable. |
| | | SureSelect Hyb #1 | The product is stable. |
| | | SureSelect Hyb #2 | The product is stable. |
| | | SureSelect Hyb #4 | The product is stable. |

10 . Stability and reactivity

| | | |
|---|-----------------------------------|---|
| | SureSelect Binding Buffer | The product is stable. |
| | SureSelect Wash Buffer 1 | The product is stable. |
| | SureSelect Wash Buffer 2 | The product is stable. |
| Possibility of hazardous reactions | : 10X End-Repair Buffer | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | 5X T4 DNA Ligase Buffer | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | Klenow DNA Polymerase | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | T4 DNA Ligase | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | T4 DNA Polymerase | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | T4 Polynucleotide Kinase | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | dNTP Mix | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | 10x Klenow Polymerase Buffer | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | Exo(-) Klenow | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | dATP | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect LTI5500 P1 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect LTI5500 IA | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect LTI Pre Capture Primer | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect LT-BC1 through - BC16 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect RNase Block | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Hyb 3 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Block 2 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Indexing Block #1 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect LT Indexing Block #3 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Hyb #1 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Hyb #2 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Hyb #4 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Binding Buffer | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Wash Buffer 1 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Wash Buffer 2 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | Conditions to avoid | : 10X End-Repair Buffer |
| 5X T4 DNA Ligase Buffer | | No specific data. |
| Klenow DNA Polymerase | | No specific data. |
| T4 DNA Ligase | | No specific data. |
| T4 DNA Polymerase | | No specific data. |
| T4 Polynucleotide Kinase | | No specific data. |
| dNTP Mix | | No specific data. |
| 10x Klenow Polymerase Buffer | | No specific data. |
| Exo(-) Klenow | | No specific data. |
| dATP | | No specific data. |
| SureSelect LTI5500 P1 | No specific data. | |
| SureSelect LTI5500 IA | No specific data. | |

10 . Stability and reactivity

| | | |
|---|-----------------------------------|--|
| | SureSelect LTI Pre Capture Primer | No specific data. |
| | SureSelect LT-BC1 through - BC16 | No specific data. |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Hyb 3 | No specific data. |
| | SureSelect Block 2 | No specific data. |
| | SureSelect Indexing Block #1 | No specific data. |
| | SureSelect LT Indexing Block #3 | No specific data. |
| | SureSelect Hyb #1 | No specific data. |
| | SureSelect Hyb #2 | No specific data. |
| | SureSelect Hyb #4 | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| Materials to avoid | : 10X End-Repair Buffer | No specific data. |
| | 5X T4 DNA Ligase Buffer | No specific data. |
| | Klenow DNA Polymerase | No specific data. |
| | T4 DNA Ligase | No specific data. |
| | T4 DNA Polymerase | No specific data. |
| | T4 Polynucleotide Kinase | No specific data. |
| | dNTP Mix | No specific data. |
| | 10x Klenow Polymerase Buffer | No specific data. |
| | Exo(-) Klenow | No specific data. |
| | dATP | No specific data. |
| | SureSelect LTI5500 P1 | No specific data. |
| | SureSelect LTI5500 IA | No specific data. |
| | SureSelect LTI Pre Capture Primer | No specific data. |
| | SureSelect LT-BC1 through - BC16 | No specific data. |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Hyb 3 | No specific data. |
| | SureSelect Block 2 | No specific data. |
| | SureSelect Indexing Block #1 | No specific data. |
| | SureSelect LT Indexing Block #3 | No specific data. |
| | SureSelect Hyb #1 | No specific data. |
| | SureSelect Hyb #2 | No specific data. |
| | SureSelect Hyb #4 | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| Hazardous decomposition products | : 10X End-Repair Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | 5X T4 DNA Ligase Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | Klenow DNA Polymerase | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | T4 DNA Ligase | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | T4 DNA Polymerase | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | T4 Polynucleotide Kinase | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | dNTP Mix | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | 10x Klenow Polymerase Buffer | Under normal conditions of storage and use, hazardous decomposition products should not |

10 . Stability and reactivity

| | |
|-----------------------------------|--|
| Exo(-) Klenow | be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| dATP | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect LTI5500 P1 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect LTI5500 IA | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect LTI Pre Capture Primer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect LT-BC1 through - BC16 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect RNase Block | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Hyb 3 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Block 2 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Indexing Block #1 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect LT Indexing Block #3 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Hyb #1 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Hyb #2 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Hyb #4 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Binding Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Wash Buffer 1 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Wash Buffer 2 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11 . Toxicological information

Potential acute health effects

| | | | |
|-------------------|---|-------------------------|--|
| Inhalation | : | 10X End-Repair Buffer | Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| | | 5X T4 DNA Ligase Buffer | Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| | | Klenow DNA Polymerase | No known significant effects or critical hazards. |
| | | T4 DNA Ligase | No known significant effects or critical hazards. |
| | | T4 DNA Polymerase | No known significant effects or critical hazards. |

11 . Toxicological information

| | | |
|---------------------|--|--|
| | T4 Polynucleotide Kinase dNTP Mix | No known significant effects or critical hazards. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| | 10x Klenow Polymerase Buffer | Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| | Exo(-) Klenow dATP | No known significant effects or critical hazards. |
| | SureSelect LTI5500 P1 | No known significant effects or critical hazards. |
| | SureSelect LTI5500 IA | No known significant effects or critical hazards. |
| | SureSelect LTI Pre Capture Primer | No known significant effects or critical hazards. |
| | SureSelect LT-BC1 through - BC16 | No known significant effects or critical hazards. |
| | SureSelect RNase Block SureSelect Hyb 3 | No known significant effects or critical hazards. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| | SureSelect Block 2 | No known significant effects or critical hazards. |
| | SureSelect Indexing Block #1 | No known significant effects or critical hazards. |
| | SureSelect LT Indexing Block #3 | No known significant effects or critical hazards. |
| | SureSelect Hyb #1 | No known significant effects or critical hazards. |
| | SureSelect Hyb #2 | Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| | SureSelect Hyb #4 | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| Ingestion | : 10X End-Repair Buffer | No known significant effects or critical hazards. |
| | 5X T4 DNA Ligase Buffer | No known significant effects or critical hazards. |
| | Klenow DNA Polymerase | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | T4 DNA Polymerase | No known significant effects or critical hazards. |
| | T4 Polynucleotide Kinase | No known significant effects or critical hazards. |
| | dNTP Mix | No known significant effects or critical hazards. |
| | 10x Klenow Polymerase Buffer | No known significant effects or critical hazards. |
| | Exo(-) Klenow | No known significant effects or critical hazards. |
| | dATP | No known significant effects or critical hazards. |
| | SureSelect LTI5500 P1 | No known significant effects or critical hazards. |
| | SureSelect LTI5500 IA | No known significant effects or critical hazards. |
| | SureSelect LTI Pre Capture Primer | No known significant effects or critical hazards. |
| | SureSelect LT-BC1 through - BC16 | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Hyb 3 | No known significant effects or critical hazards. |
| | SureSelect Block 2 | No known significant effects or critical hazards. |
| | SureSelect Indexing Block #1 | No known significant effects or critical hazards. |
| | SureSelect LT Indexing Block #3 | No known significant effects or critical hazards. |
| | SureSelect Hyb #1 | No known significant effects or critical hazards. |
| | SureSelect Hyb #2 | No known significant effects or critical hazards. |
| | SureSelect Hyb #4 | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| Skin contact | : 10X End-Repair Buffer | No known significant effects or critical hazards. |
| | 5X T4 DNA Ligase Buffer | No known significant effects or critical hazards. |
| | Klenow DNA Polymerase | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | T4 DNA Polymerase | No known significant effects or critical hazards. |
| | T4 Polynucleotide Kinase | No known significant effects or critical hazards. |
| | dNTP Mix | No known significant effects or critical hazards. |
| | 10x Klenow Polymerase Buffer | No known significant effects or critical hazards. |

11 . Toxicological information

| | | |
|--------------------|-----------------------------------|---|
| | Exo(-) Klenow | No known significant effects or critical hazards. |
| | dATP | No known significant effects or critical hazards. |
| | SureSelect LTI5500 P1 | No known significant effects or critical hazards. |
| | SureSelect LTI5500 IA | No known significant effects or critical hazards. |
| | SureSelect LTI Pre Capture Primer | No known significant effects or critical hazards. |
| | SureSelect LT-BC1 through - BC16 | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Hyb 3 | No known significant effects or critical hazards. |
| | SureSelect Block 2 | No known significant effects or critical hazards. |
| | SureSelect Indexing Block #1 | No known significant effects or critical hazards. |
| | SureSelect LT Indexing Block #3 | No known significant effects or critical hazards. |
| | SureSelect Hyb #1 | No known significant effects or critical hazards. |
| | SureSelect Hyb #2 | No known significant effects or critical hazards. |
| | SureSelect Hyb #4 | May cause sensitisation by skin contact. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| Eye contact | : 10X End-Repair Buffer | No known significant effects or critical hazards. |
| | 5X T4 DNA Ligase Buffer | No known significant effects or critical hazards. |
| | Klenow DNA Polymerase | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | T4 DNA Polymerase | No known significant effects or critical hazards. |
| | T4 Polynucleotide Kinase | No known significant effects or critical hazards. |
| | dNTP Mix | No known significant effects or critical hazards. |
| | 10x Klenow Polymerase Buffer | No known significant effects or critical hazards. |
| | Exo(-) Klenow | No known significant effects or critical hazards. |
| | dATP | No known significant effects or critical hazards. |
| | SureSelect LTI5500 P1 | No known significant effects or critical hazards. |
| | SureSelect LTI5500 IA | No known significant effects or critical hazards. |
| | SureSelect LTI Pre Capture Primer | No known significant effects or critical hazards. |
| | SureSelect LT-BC1 through - BC16 | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Hyb 3 | No known significant effects or critical hazards. |
| | SureSelect Block 2 | No known significant effects or critical hazards. |
| | SureSelect Indexing Block #1 | No known significant effects or critical hazards. |
| | SureSelect LT Indexing Block #3 | No known significant effects or critical hazards. |
| | SureSelect Hyb #1 | No known significant effects or critical hazards. |
| | SureSelect Hyb #2 | No known significant effects or critical hazards. |
| | SureSelect Hyb #4 | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|-----------|---------|-------------|----------|
| Klenow DNA Polymerase Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| T4 DNA Ligase Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| T4 DNA Polymerase Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| T4 Polynucleotide Kinase Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| Exo(-) Klenow Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |

11 . Toxicological information

| | | | | |
|---|-----------|-----|-------------|---|
| SureSelect RNase Block Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| SureSelect Hyb #4 Sulfuric acid monododecyl ester sodium salt (1:1) | LD50 Oral | Rat | 1288 mg/kg | - |

Conclusion/Summary : Not available.

Potential chronic health effects

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|----------------------|---------|-------|-------------------------|-------------|
| 5X T4 DNA Ligase Buffer Polyethylene glycol | Eyes - Mild irritant | Rabbit | - | - | - |
| | Skin - Mild irritant | Rabbit | - | - | - |
| Klenow DNA Polymerase Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| T4 DNA Ligase Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| T4 DNA Polymerase Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| T4 Polynucleotide Kinase Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| Exo(-) Klenow Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| SureSelect RNase Block Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |

Conclusion/Summary : Not available.

Sensitiser

Conclusion/Summary : Not available.

Chronic toxicity / Carcinogenicity / Mutagenicity / Teratogenicity / Reproductive toxicity

Not available.

11 . Toxicological information

| | | |
|------------------------------|-----------------------------------|---|
| | dATP | No known significant effects or critical hazards. |
| | SureSelect LTI5500 P1 | No known significant effects or critical hazards. |
| | SureSelect LTI5500 IA | No known significant effects or critical hazards. |
| | SureSelect LTI Pre Capture Primer | No known significant effects or critical hazards. |
| | SureSelect LT-BC1 through - BC16 | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Hyb 3 | No known significant effects or critical hazards. |
| | SureSelect Block 2 | No known significant effects or critical hazards. |
| | SureSelect Indexing Block #1 | No known significant effects or critical hazards. |
| | SureSelect LT Indexing Block #3 | No known significant effects or critical hazards. |
| | SureSelect Hyb #1 | No known significant effects or critical hazards. |
| | SureSelect Hyb #2 | No known significant effects or critical hazards. |
| | SureSelect Hyb #4 | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| Teratogenicity | : 10X End-Repair Buffer | No known significant effects or critical hazards. |
| | 5X T4 DNA Ligase Buffer | No known significant effects or critical hazards. |
| | Klenow DNA Polymerase | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | T4 DNA Polymerase | No known significant effects or critical hazards. |
| | T4 Polynucleotide Kinase | No known significant effects or critical hazards. |
| | dNTP Mix | No known significant effects or critical hazards. |
| | 10x Klenow Polymerase Buffer | No known significant effects or critical hazards. |
| | Exo(-) Klenow | No known significant effects or critical hazards. |
| | dATP | No known significant effects or critical hazards. |
| | SureSelect LTI5500 P1 | No known significant effects or critical hazards. |
| | SureSelect LTI5500 IA | No known significant effects or critical hazards. |
| | SureSelect LTI Pre Capture Primer | No known significant effects or critical hazards. |
| | SureSelect LT-BC1 through - BC16 | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Hyb 3 | No known significant effects or critical hazards. |
| | SureSelect Block 2 | No known significant effects or critical hazards. |
| | SureSelect Indexing Block #1 | No known significant effects or critical hazards. |
| | SureSelect LT Indexing Block #3 | No known significant effects or critical hazards. |
| | SureSelect Hyb #1 | No known significant effects or critical hazards. |
| | SureSelect Hyb #2 | No known significant effects or critical hazards. |
| | SureSelect Hyb #4 | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| Developmental effects | : 10X End-Repair Buffer | No known significant effects or critical hazards. |
| | 5X T4 DNA Ligase Buffer | No known significant effects or critical hazards. |
| | Klenow DNA Polymerase | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | T4 DNA Polymerase | No known significant effects or critical hazards. |
| | T4 Polynucleotide Kinase | No known significant effects or critical hazards. |
| | dNTP Mix | No known significant effects or critical hazards. |
| | 10x Klenow Polymerase Buffer | No known significant effects or critical hazards. |
| | Exo(-) Klenow | No known significant effects or critical hazards. |
| | dATP | No known significant effects or critical hazards. |
| | SureSelect LTI5500 P1 | No known significant effects or critical hazards. |
| | SureSelect LTI5500 IA | No known significant effects or critical hazards. |
| | SureSelect LTI Pre Capture Primer | No known significant effects or critical hazards. |
| | SureSelect LT-BC1 through - BC16 | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Hyb 3 | No known significant effects or critical hazards. |
| | SureSelect Block 2 | No known significant effects or critical hazards. |
| | SureSelect Indexing Block #1 | No known significant effects or critical hazards. |

11 . Toxicological information

| | | |
|--|--------------------------------------|---|
| | SureSelect LT Indexing Block #3 | No known significant effects or critical hazards. |
| | SureSelect Hyb #1 | No known significant effects or critical hazards. |
| | SureSelect Hyb #2 | No known significant effects or critical hazards. |
| | SureSelect Hyb #4 | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| Fertility effects | : 10X End-Repair Buffer | No known significant effects or critical hazards. |
| | 5X T4 DNA Ligase Buffer | No known significant effects or critical hazards. |
| | Klenow DNA Polymerase | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | T4 DNA Polymerase | No known significant effects or critical hazards. |
| | T4 Polynucleotide Kinase | No known significant effects or critical hazards. |
| | dNTP Mix | No known significant effects or critical hazards. |
| | 10x Klenow Polymerase Buffer | No known significant effects or critical hazards. |
| | Exo(-) Klenow | No known significant effects or critical hazards. |
| | dATP | No known significant effects or critical hazards. |
| | SureSelect LTI5500 P1 | No known significant effects or critical hazards. |
| | SureSelect LTI5500 IA | No known significant effects or critical hazards. |
| | SureSelect LTI Pre Capture Primer | No known significant effects or critical hazards. |
| | SureSelect LT-BC1 through - BC16 | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Hyb 3 | No known significant effects or critical hazards. |
| | SureSelect Block 2 | No known significant effects or critical hazards. |
| | SureSelect Indexing Block #1 | No known significant effects or critical hazards. |
| | SureSelect LT Indexing Block #3 | No known significant effects or critical hazards. |
| | SureSelect Hyb #1 | No known significant effects or critical hazards. |
| | SureSelect Hyb #2 | No known significant effects or critical hazards. |
| | SureSelect Hyb #4 | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| <u>Over-exposure signs/symptoms</u> | | |
| Inhalation | : 10X End-Repair Buffer | No specific data. |
| | 5X T4 DNA Ligase Buffer | No specific data. |
| | Klenow DNA Polymerase | No specific data. |
| | T4 DNA Ligase | No specific data. |
| | T4 DNA Polymerase | No specific data. |
| | T4 Polynucleotide Kinase | No specific data. |
| | dNTP Mix | No specific data. |
| | 10x Klenow Polymerase Buffer | No specific data. |
| | Exo(-) Klenow | No specific data. |
| | dATP | No specific data. |
| | SureSelect LTI5500 P1 | No specific data. |
| | SureSelect LTI5500 IA | No specific data. |
| | SureSelect LTI Pre Capture Primer | No specific data. |
| | SureSelect LT-BC1 through - BC16 | No specific data. |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Hyb 3 | No specific data. |
| | SureSelect Block 2 | No specific data. |
| | SureSelect Indexing Block #1 | No specific data. |
| | SureSelect LT Indexing Block #3 | No specific data. |
| | SureSelect Hyb #1 | No specific data. |
| | SureSelect Hyb #2 | No specific data. |
| | SureSelect Hyb #4 | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |

11 . Toxicological information

| | | | | |
|------------------|-------------|--------------------------------------|--|-------------------|
| Ingestion | : | 10X End-Repair Buffer | No specific data. | |
| | | 5X T4 DNA Ligase Buffer | No specific data. | |
| | | Klenow DNA Polymerase | No specific data. | |
| | | T4 DNA Ligase | No specific data. | |
| | | T4 DNA Polymerase | No specific data. | |
| | | T4 Polynucleotide Kinase | No specific data. | |
| | | dNTP Mix | No specific data. | |
| | | 10x Klenow Polymerase Buffer | No specific data. | |
| | | Exo(-) Klenow | No specific data. | |
| | | dATP | No specific data. | |
| | | SureSelect LTI5500 P1 | No specific data. | |
| | | SureSelect LTI5500 IA | No specific data. | |
| | | SureSelect LTI Pre Capture Primer | No specific data. | |
| | | SureSelect LT-BC1 through - BC16 | No specific data. | |
| | | SureSelect RNase Block | No specific data. | |
| | | SureSelect Hyb 3 | No specific data. | |
| | | SureSelect Block 2 | No specific data. | |
| | | SureSelect Indexing Block #1 | No specific data. | |
| | | SureSelect LT Indexing Block #3 | No specific data. | |
| | | SureSelect Hyb #1 | No specific data. | |
| | | SureSelect Hyb #2 | No specific data. | |
| | | SureSelect Hyb #4 | No specific data. | |
| | | SureSelect Binding Buffer | No specific data. | |
| | | SureSelect Wash Buffer 1 | No specific data. | |
| | | SureSelect Wash Buffer 2 | No specific data. | |
| | Skin | : | 10X End-Repair Buffer | No specific data. |
| | | | 5X T4 DNA Ligase Buffer | No specific data. |
| | | | Klenow DNA Polymerase | No specific data. |
| | | | T4 DNA Ligase | No specific data. |
| | | | T4 DNA Polymerase | No specific data. |
| | | | T4 Polynucleotide Kinase | No specific data. |
| | | | dNTP Mix | No specific data. |
| | | | 10x Klenow Polymerase Buffer | No specific data. |
| | | Exo(-) Klenow | No specific data. | |
| | | dATP | No specific data. | |
| | | SureSelect LTI5500 P1 | No specific data. | |
| | | SureSelect LTI5500 IA | No specific data. | |
| | | SureSelect LTI Pre Capture Primer | No specific data. | |
| | | SureSelect LT-BC1 through - BC16 | No specific data. | |
| | | SureSelect RNase Block | No specific data. | |
| | | SureSelect Hyb 3 | No specific data. | |
| | | SureSelect Block 2 | No specific data. | |
| | | SureSelect Indexing Block #1 | No specific data. | |
| | | SureSelect LT Indexing Block #3 | No specific data. | |
| | | SureSelect Hyb #1 | No specific data. | |
| | | SureSelect Hyb #2 | No specific data. | |
| | | SureSelect Hyb #4 | Adverse symptoms may include the following: irritation redness | |
| | | SureSelect Binding Buffer | No specific data. | |
| | | SureSelect Wash Buffer 1 | No specific data. | |
| | | SureSelect Wash Buffer 2 | No specific data. | |
| Eyes | | : | 10X End-Repair Buffer | No specific data. |
| | | | 5X T4 DNA Ligase Buffer | No specific data. |
| | | | Klenow DNA Polymerase | No specific data. |
| | | | T4 DNA Ligase | No specific data. |
| | | | T4 DNA Polymerase | No specific data. |
| | | | T4 Polynucleotide Kinase | No specific data. |
| | | | dNTP Mix | No specific data. |
| | | | 10x Klenow Polymerase Buffer | No specific data. |
| | | Exo(-) Klenow | No specific data. | |

11 . Toxicological information

| | | |
|-------------------------------|-----------------------------------|--|
| | dATP | No specific data. |
| | SureSelect LTI5500 P1 | No specific data. |
| | SureSelect LTI5500 IA | No specific data. |
| | SureSelect LTI Pre Capture Primer | No specific data. |
| | SureSelect LT-BC1 through - BC16 | No specific data. |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Hyb 3 | No specific data. |
| | SureSelect Block 2 | No specific data. |
| | SureSelect Indexing Block #1 | No specific data. |
| | SureSelect LT Indexing Block #3 | No specific data. |
| | SureSelect Hyb #1 | No specific data. |
| | SureSelect Hyb #2 | No specific data. |
| | SureSelect Hyb #4 | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| Other adverse symptoms | : 10X End-Repair Buffer | Not available. |
| | 5X T4 DNA Ligase Buffer | Not available. |
| | Klenow DNA Polymerase | Not available. |
| | T4 DNA Ligase | Not available. |
| | T4 DNA Polymerase | Not available. |
| | T4 Polynucleotide Kinase | Not available. |
| | dNTP Mix | Not available. |
| | 10x Klenow Polymerase Buffer | Not available. |
| | Exo(-) Klenow | Not available. |
| | dATP | Not available. |
| | SureSelect LTI5500 P1 | Not available. |
| | SureSelect LTI5500 IA | Not available. |
| | SureSelect LTI Pre Capture Primer | Not available. |
| | SureSelect LT-BC1 through - BC16 | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Hyb 3 | Not available. |
| | SureSelect Block 2 | Not available. |
| | SureSelect Indexing Block #1 | Not available. |
| | SureSelect LT Indexing Block #3 | Not available. |
| | SureSelect Hyb #1 | Not available. |
| | SureSelect Hyb #2 | Not available. |
| | SureSelect Hyb #4 | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| Target organs | : 10X End-Repair Buffer | Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes. |
| | 5X T4 DNA Ligase Buffer | Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes. |
| | Klenow DNA Polymerase | Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea. |
| | T4 DNA Ligase | Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea. |
| | T4 DNA Polymerase | Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea. |
| | T4 Polynucleotide Kinase | Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea. |
| | dNTP Mix | Not available. |
| | 10x Klenow Polymerase Buffer | Contains material which may cause damage to |

11 . Toxicological information

| | |
|-----------------------------------|--|
| Exo(-) Klenow | the following organs: upper respiratory tract, skin, eyes. Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea. |
| dATP | Not available. |
| SureSelect LTI5500 P1 | Not available. |
| SureSelect LTI5500 IA | Not available. |
| SureSelect LTI Pre Capture Primer | Not available. |
| SureSelect LT-BC1 through - BC16 | Not available. |
| SureSelect RNase Block | Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea. |
| SureSelect Hyb 3 | Not available. |
| SureSelect Block 2 | Not available. |
| SureSelect Indexing Block #1 | Not available. |
| SureSelect LT Indexing Block #3 | Not available. |
| SureSelect Hyb #1 | Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes, stomach. |
| SureSelect Hyb #2 | Not available. |
| SureSelect Hyb #4 | Not available. |
| SureSelect Binding Buffer | Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes, stomach. |
| SureSelect Wash Buffer 1 | Not available. |
| SureSelect Wash Buffer 2 | Not available. |

12 . Ecological information

Ecotoxicity : May cause long-term adverse effects in the aquatic environment.

Aquatic ecotoxicity

| Product/ingredient name | Result | Species | Exposure |
|---|--------------------------------------|---------------------------|----------|
| 5X T4 DNA Ligase Buffer Polyethylene glycol | Acute LC50 >1000000 µg/l Fresh water | Fish - Salmo salar - Parr | 96 hours |

Other ecological information

Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|---|--------------------|-----|-----------|
| Klenow DNA Polymerase Glycerol | -1.76 | - | low |
| T4 DNA Ligase Glycerol | -1.76 | - | low |
| T4 DNA Polymerase Glycerol | -1.76 | - | low |
| T4 Polynucleotide Kinase Glycerol | -1.76 | - | low |
| Exo(-) Klenow Glycerol | -1.76 | - | low |
| SureSelect RNase Block Glycerol | -1.76 | - | low |

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

13 . Disposal considerations

Methods of disposal : 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 spilt material and runoff and contact with soil, waterways, drains and sewers.

14 . Transport information

Regulatory information

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

15 . Regulatory information

Standard Uniform Schedule of Medicine and Poisons

6, 5

Control of Scheduled Carcinogenic Substances

| <u>Ingredient name</u> | <u>Schedule</u> |
|------------------------|-----------------|
| No listed substance | |

Australia inventory (AICS) : Not determined.

16 . Other information

Remarks :
Date of issue : 02/10/2014
Date of previous issue : 23/08/2012.

✔ Indicates information that has changed from previously issued version.

Nota * : SureSelect LT-BC1 through -BC16: 5972-3659, 5972-3660, 5972-3661, 5972-3662, 5972-3663, 5972-3664, 5972-3665, 5972-3666, 5972-3667, 5972-3668, 5972-3669, 5972-3670, 5972-3671, 5972-3672, 5972-3673, 5972-3674

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