Section 1. Identification

Product identifier : SureSelect XT HS2 Index Primer Pairs 1-16 for ILM (Pre PCR), Part Number 5191-5687
Part no. (chemical kit) : 5191-5687
Part no. : SSEL XT HS2 Primer Pairs 1-8 Strip 5191-5692
SSEL XT HS2 Primer Pairs 9-16 Strip 5191-5693

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

Identified uses : Analytical reagent. For research use only.
Uses advised against : Not for use in diagnostic procedures.

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

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

Section 2. Hazard(s) identification

Classification of the substance or mixture
Not classified.

GHS label elements

Signal word : SSEL XT HS2 Primer Pairs 1-8 Strip No signal word.
SSEL XT HS2 Primer Pairs 9-16 Strip No signal word.

Hazard statements : SSEL XT HS2 Primer Pairs 1-8 Strip No known significant effects or critical hazards.
SSEL XT HS2 Primer Pairs 9-16 Strip No known significant effects or critical hazards.

Precautionary statements

Prevention : SSEL XT HS2 Primer Pairs 1-8 Strip Not applicable.
SSEL XT HS2 Primer Pairs 9-16 Strip Not applicable.

Response : SSEL XT HS2 Primer Pairs 1-8 Strip Not applicable.
SSEL XT HS2 Primer Pairs 9-16 Strip Not applicable.

Storage : SSEL XT HS2 Primer Pairs 1-8 Strip Not applicable.
SSEL XT HS2 Primer Pairs 9-16 Strip Not applicable.
Section 2. Hazard(s) identification

Disposal:
- SSEL XT HS2 Primer Pairs 1-8 Strip: Not applicable.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Not applicable.

Supplemental label elements:
Additional warning phrases:
- SSEL XT HS2 Primer Pairs 1-8 Strip: Not applicable.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Not applicable.

Other hazards which do not result in classification:
- SSEL XT HS2 Primer Pairs 1-8 Strip: None known.
- SSEL XT HS2 Primer Pairs 9-16 Strip: None known.

Section 3. Composition and ingredient information

Substance/mixture:
- SSEL XT HS2 Primer Pairs 1-8 Strip: Mixture
- SSEL XT HS2 Primer Pairs 9-16 Strip: Mixture

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

The total concentration of ingredients in this product, reported or not in this section, is 100%.

Section 4. First aid measures

Eye contact:
- SSEL XT HS2 Primer Pairs 1-8 Strip: 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.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation:
- SSEL XT HS2 Primer Pairs 1-8 Strip: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact:
- SSEL XT HS2 Primer Pairs 1-8 Strip: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion:
- SSEL XT HS2 Primer Pairs 1-8 Strip: Wash out mouth with water. 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.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Wash out mouth with water. 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.
**Section 4. First aid measures**

### Most important symptoms/effects, acute and delayed

**Potential acute health effects**

<table>
<thead>
<tr>
<th>Exposure Type</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

**Over-exposure signs/symptoms**

<table>
<thead>
<tr>
<th>Exposure Type</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Notes to physician</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</td>
<td>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific treatments</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No specific treatment.</td>
<td>No specific treatment.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Protection of first-aiders</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No action shall be taken involving any personal risk or without suitable training.</td>
<td>No action shall be taken involving any personal risk or without suitable training.</td>
</tr>
</tbody>
</table>

See toxicological information (Section 11)
Section 5. Firefighting measures

**Extinguishing media**

**Suitable extinguishing media**
- SSEL XT HS2 Primer Pairs 1-8 Strip
- SSEL XT HS2 Primer Pairs 9-16 Strip
  - Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media**
- SSEL XT HS2 Primer Pairs 1-8 Strip
- SSEL XT HS2 Primer Pairs 9-16 Strip
  - None known.

**Specific hazards arising from the chemical**
- SSEL XT HS2 Primer Pairs 1-8 Strip
- SSEL XT HS2 Primer Pairs 9-16 Strip
  - In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products**
- SSEL XT HS2 Primer Pairs 1-8 Strip
- SSEL XT HS2 Primer Pairs 9-16 Strip
  - No specific data.

**Special protective actions for fire-fighters**
- SSEL XT HS2 Primer Pairs 1-8 Strip
- SSEL XT HS2 Primer Pairs 9-16 Strip
  - Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Special protective equipment for fire-fighters**
- SSEL XT HS2 Primer Pairs 1-8 Strip
- SSEL XT HS2 Primer Pairs 9-16 Strip
  - Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

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

**For non-emergency personnel**
- SSEL XT HS2 Primer Pairs 1-8 Strip
- SSEL XT HS2 Primer Pairs 9-16 Strip
  - 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.

**For emergency responders**
- SSEL XT HS2 Primer Pairs 1-8 Strip
- SSEL XT HS2 Primer Pairs 9-16 Strip
  - If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Section 6. Accidental release measures

Environmental precautions: SSEL XT HS2 Primer Pairs 1-8 Strip
- 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).

Environmental precautions: SSEL XT HS2 Primer Pairs 9-16 Strip
- Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Methods for cleaning up: SSEL XT HS2 Primer Pairs 1-8 Strip
- 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.

Methods for cleaning up: SSEL XT HS2 Primer Pairs 9-16 Strip
- Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Protective measures: SSEL XT HS2 Primer Pairs 1-8 Strip
- Put on appropriate personal protective equipment (see Section 8).

Protective measures: SSEL XT HS2 Primer Pairs 9-16 Strip
- Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene: SSEL XT HS2 Primer Pairs 1-8 Strip
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Advice on general occupational hygiene: SSEL XT HS2 Primer Pairs 9-16 Strip
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: SSEL XT HS2 Primer Pairs 1-8 Strip
- 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. See Section 10 for incompatible materials before handling or use.

Conditions for safe storage, including any incompatibilities: SSEL XT HS2 Primer Pairs 9-16 Strip
- 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. See Section 10 for incompatible materials before handling or use.
Section 7. Handling and storage

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. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

None.

Biological exposure indices

No exposure indices known.

Appropriate engineering controls

Environmental exposure controls

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

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

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

Eye/face protection

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

Skin protection

Hand protection

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

Body protection

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

Other skin protection

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

Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

**Appearance**

**Physical state**
- SSEL XT HS2 Primer Pairs 1-8 Strip: Liquid.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Liquid.

**Colour**
- SSEL XT HS2 Primer Pairs 1-8 Strip: Not available.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Not available.

**Odour**
- SSEL XT HS2 Primer Pairs 1-8 Strip: Not available.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Not available.

**Odour threshold**
- SSEL XT HS2 Primer Pairs 1-8 Strip: Not available.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Not available.

**pH**
- SSEL XT HS2 Primer Pairs 1-8 Strip: 7.5
- SSEL XT HS2 Primer Pairs 9-16 Strip: 7.5

**Melting point/freezing point**
- SSEL XT HS2 Primer Pairs 1-8 Strip: 0°C (32°F)
- SSEL XT HS2 Primer Pairs 9-16 Strip: 0°C (32°F)

**Boiling point, initial boiling point, and boiling range**
- SSEL XT HS2 Primer Pairs 1-8 Strip: 100°C (212°F)
- SSEL XT HS2 Primer Pairs 9-16 Strip: 100°C (212°F)

**Flash point**
- SSEL XT HS2 Primer Pairs 1-8 Strip: Not available.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Not available.

**Evaporation rate**
- SSEL XT HS2 Primer Pairs 1-8 Strip: Not available.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Not available.

**Flammability**
- SSEL XT HS2 Primer Pairs 1-8 Strip: Not applicable.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Not applicable.

**Lower and upper explosion limit/flammability limit**
- SSEL XT HS2 Primer Pairs 1-8 Strip: Not available.
- SSEL XT HS2 Primer Pairs 9-16 Strip: Not available.

### Vapour pressure

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Vapour Pressure at 20°C</th>
<th>Vapour Pressure at 50°C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm Hg</td>
<td>kPa</td>
</tr>
</tbody>
</table>

*Date of issue/Date of revision: 21/10/2022  Date of previous issue: 18/12/2019  Version: 2*
Section 9. Physical and chemical properties and safety characteristics

<table>
<thead>
<tr>
<th>Relative vapour density</th>
<th>:</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>Not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Not available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>Not available.</td>
</tr>
<tr>
<td></td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>:</td>
<td>Media</td>
<td>Result</td>
</tr>
<tr>
<td></td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>Soluble</td>
</tr>
<tr>
<td></td>
<td>:</td>
<td>water</td>
<td>Soluble</td>
</tr>
<tr>
<td></td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Soluble</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>Not applicable.</td>
</tr>
<tr>
<td></td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>Not available.</td>
</tr>
<tr>
<td></td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Not available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>Not available.</td>
</tr>
<tr>
<td></td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Not available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>Not available.</td>
</tr>
<tr>
<td></td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Not available.</td>
</tr>
<tr>
<td>Particle characteristics</td>
<td>Median particle size</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>Not applicable.</td>
</tr>
<tr>
<td></td>
<td>:</td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

Section 10. Stability and reactivity

| Reactivity | : | SSEL XT HS2 Primer Pairs 1-8 Strip | No specific test data related to reactivity available for this product or its ingredients. |
|            | : | SSEL XT HS2 Primer Pairs 9-16 Strip | No specific test data related to reactivity available for this product or its ingredients. |
### Section 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Chemical stability</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>The product may not be stable under certain conditions of storage or use. See &quot;Possibility of Hazardous Reactions&quot; for further information.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>The product may not be stable under certain conditions of storage or use. See &quot;Possibility of Hazardous Reactions&quot; for further information.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
</tr>
<tr>
<td></td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>No specific data.</td>
</tr>
<tr>
<td></td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>May react or be incompatible with oxidising materials.</td>
</tr>
<tr>
<td></td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>May react or be incompatible with oxidising materials.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>SSEL XT HS2 Primer Pairs 1-8 Strip</td>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
</tr>
<tr>
<td></td>
<td>SSEL XT HS2 Primer Pairs 9-16 Strip</td>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
</tr>
</tbody>
</table>

### Section 11. Toxicological information

**Information on toxicological effects**

**Acute toxicity**

Not available.

**Irritation/Corrosion**

Not available.

**Sensitisation**

Not available.

**Mutagenicity**

**Conclusion/Summary** : Not available.

**Carcinogenicity**

**Conclusion/Summary** : Not available.

**Reproductive toxicity**

**Conclusion/Summary** : Not available.

**Teratogenicity**

**Conclusion/Summary** : Not available.

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

Not available.

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

Not available.

**Aspiration hazard**

Not available.
## Section 11. Toxicological information

### Information on likely routes of exposure

<table>
<thead>
<tr>
<th>Route</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inhalation</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td><strong>Eye contact</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

### Potential acute health effects

<table>
<thead>
<tr>
<th>Route</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inhalation</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td><strong>Eye contact</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Route</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
</tbody>
</table>

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Short term exposure**

<table>
<thead>
<tr>
<th>Effect</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential immediate</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Potential delayed</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

**Long term exposure**

<table>
<thead>
<tr>
<th>Effect</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential immediate</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Potential delayed</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

**Potential chronic health effects**

<table>
<thead>
<tr>
<th>Route</th>
<th>SSEL XT HS2 Primer Pairs 1-8 Strip</th>
<th>SSEL XT HS2 Primer Pairs 9-16 Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>
### Section 11. Toxicological information

**Carcinogenicity**  
SSEL XT HS2 Primer Pairs 1-8 Strip: No known significant effects or critical hazards.  
SSEL XT HS2 Primer Pairs 9-16 Strip: No known significant effects or critical hazards.

**Mutagenicity**  
SSEL XT HS2 Primer Pairs 1-8 Strip: No known significant effects or critical hazards.  
SSEL XT HS2 Primer Pairs 9-16 Strip: No known significant effects or critical hazards.

**Reproductive toxicity**  
SSEL XT HS2 Primer Pairs 1-8 Strip: No known significant effects or critical hazards.  
SSEL XT HS2 Primer Pairs 9-16 Strip: No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates**  
N/A

### Section 12. Ecological information

**Toxicity**  
Not available.

**Persistence and degradability**  
Not available.

**Bioaccumulative potential**  
Not available.

**Mobility in soil**  
**Soil/water partition coefficient (Koc)**: Not available.

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

### Section 13. Disposal considerations

**Disposal methods**: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.
Section 14. Transport information

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

| Special precautions for user | Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. |

| Transport in bulk according to IMO instruments | Not available. |

Section 15. Regulatory information

**Standard for the Uniform Scheduling of Medicines and Poisons**
Not regulated.

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

**International regulations**

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

- **Montreal Protocol**
  Not listed.

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

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

- **UNECE Aarhus Protocol on POPs and Heavy Metals**
  Not listed.

**Inventory list**

<table>
<thead>
<tr>
<th>Country</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Canada</td>
<td>Not determined.</td>
</tr>
<tr>
<td>China</td>
<td>All components are listed or exempted.</td>
</tr>
<tr>
<td>Eurasian Economic Union</td>
<td>Russian Federation inventory: Not determined.</td>
</tr>
<tr>
<td>Japan</td>
<td>Japan inventory (CSCL): Not determined.</td>
</tr>
<tr>
<td></td>
<td>Japan inventory (ISHL): All components are listed or exempted.</td>
</tr>
<tr>
<td>New Zealand</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Philippines</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Taiwan</td>
<td>All components are listed or exempted.</td>
</tr>
<tr>
<td>Thailand</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Turkey</td>
<td>Not determined.</td>
</tr>
<tr>
<td>United States</td>
<td>All components are active or exempted.</td>
</tr>
<tr>
<td>Viet Nam</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

Section 16. Any other relevant information

**History**

- Date of issue/Date of revision: 21/10/2022
- Date of previous issue: 18/12/2019
- Version: 2
Section 16. Any other relevant information

Key to abbreviations

: ADG = Australian Dangerous Goods
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
N/A = Not available
SUSMP = Standard Uniform Schedule of Medicine and Poisons
UN = United Nations

Procedure used to derive the classification

<table>
<thead>
<tr>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not classified.</td>
</tr>
</tbody>
</table>

Indicates information that has changed from previously issued version.

Notice to reader

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