Material Safety Data Sheet

Agilent RNA 6000 Nano Kit, Part Number 5067-1511

1. Identification of the material and supplier

Names
Product name: Agilent RNA 6000 Nano Kit, Part Number 5067-1511
Part No. (Chemical Kit): 5067-1511
Part No.
- RNA 6000 Nano Gel Matrix: Not available.
- RNA Nano Dye Concentrate: Not available.
- RNA 6000 Nano Marker: Not available.
- RNA 6000 Nano Ladder: Not available.

Supplier
Supplier/Manufacturer: Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia
1800 802 402
Emergency telephone number: CHEMTREC®: +(61)-290372994

ADG
Not regulated as Dangerous Goods according to the ADG Code

Uses
Area of application
- RNA 6000 Nano Gel Matrix: Industrial applications, Professional applications.
- RNA Nano Dye Concentrate: Industrial applications, Professional applications.
- RNA 6000 Nano Marker: Industrial applications, Professional applications.
- RNA 6000 Nano Ladder: Industrial applications, Professional applications.

Material uses
- Analytical chemistry.
- Research and Development
- RNA 6000 Nano Gel Matrix: 2 x 1.2 ml
- RNA Nano Dye Concentrate: 1 x 0.035 ml
- RNA 6000 Nano Marker: 2 x 1.2 ml
- RNA 6000 Nano Ladder: 1 x 0.035 ml

2. Hazards identification

Classification
- RNA 6000 Nano Gel Matrix: Not regulated.
- RNA 6000 Nano Marker: Not regulated.
- RNA 6000 Nano Ladder: Not regulated.

Risk phrases
- RNA 6000 Nano Gel Matrix: Not classified.
- RNA 6000 Nano Marker: Not classified.
- RNA 6000 Nano Ladder: Not classified.

Safety phrases
- RNA 6000 Nano Gel Matrix: S36- Wear suitable protective clothing.
- RNA Nano Dye Concentrate: S36- Wear suitable protective clothing.
- RNA 6000 Nano Marker: S36- Wear suitable protective clothing.
- RNA 6000 Nano Ladder: S36- Wear suitable protective clothing.
2. Hazards identification

**Statement of hazardous/dangerous nature:**

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>RNA 6000 Nano Gel Matrix</td>
<td>NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.</td>
</tr>
<tr>
<td>RNA Nano Dye Concentrate</td>
<td>NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.</td>
</tr>
<tr>
<td>RNA 6000 Nano Marker</td>
<td>NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.</td>
</tr>
<tr>
<td>RNA 6000 Nano Ladder</td>
<td>NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.</td>
</tr>
</tbody>
</table>

3. Composition/information on ingredients

**Mixture:**

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Presence</th>
</tr>
</thead>
<tbody>
<tr>
<td>RNA 6000 Nano Gel Matrix</td>
<td>Yes</td>
</tr>
<tr>
<td>RNA Nano Dye Concentrate</td>
<td>Yes</td>
</tr>
<tr>
<td>RNA 6000 Nano Marker</td>
<td>Yes</td>
</tr>
<tr>
<td>RNA 6000 Nano Ladder</td>
<td>Yes</td>
</tr>
</tbody>
</table>

No hazardous ingredient

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 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

**Inhalation:**

- **RNA 6000 Nano Gel Matrix:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- **RNA Nano Dye Concentrate:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- **RNA 6000 Nano Marker:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- **RNA 6000 Nano Ladder:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Ingestion:**

- **RNA 6000 Nano Gel Matrix:** 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.
- **RNA Nano Dye Concentrate:** 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.
- **RNA 6000 Nano Marker:** 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.
- **RNA 6000 Nano Ladder:** 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.
## 4. First-aid measures

### Skin contact
- **RNA 6000 Nano Gel Matrix**
  - Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- **RNA Nano Dye Concentrate**
  - Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- **RNA 6000 Nano Marker**
  - Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- **RNA 6000 Nano Ladder**
  - Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

### Eye contact
- **RNA 6000 Nano Gel Matrix**
  - 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.
- **RNA Nano Dye Concentrate**
  - 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.
- **RNA 6000 Nano Marker**
  - 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.
- **RNA 6000 Nano Ladder**
  - 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.

### Protection of first-aiders
- **RNA 6000 Nano Gel Matrix**
  - No action shall be taken involving any personal risk or without suitable training.
- **RNA Nano Dye Concentrate**
  - No action shall be taken involving any personal risk or without suitable training.
- **RNA 6000 Nano Marker**
  - No action shall be taken involving any personal risk or without suitable training.
- **RNA 6000 Nano Ladder**
  - No action shall be taken involving any personal risk or without suitable training.

### Advice to doctor
- **RNA 6000 Nano Gel Matrix**
  - No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **RNA Nano Dye Concentrate**
  - No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **RNA 6000 Nano Marker**
  - No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **RNA 6000 Nano Ladder**
  - 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**
  - **RNA 6000 Nano Gel Matrix**
    - Use an extinguishing agent suitable for the surrounding fire.
  - **RNA Nano Dye Concentrate**
    - Use an extinguishing agent suitable for the surrounding fire.
  - **RNA 6000 Nano Marker**
    - Use an extinguishing agent suitable for the surrounding fire.
  - **RNA 6000 Nano Ladder**
    - Use an extinguishing agent suitable for the surrounding fire.
5. Fire-fighting measures

Not suitable:
- RNA 6000 Nano Gel Matrix
- RNA Nano Dye Concentrate
- RNA 6000 Nano Marker
- RNA 6000 Nano Ladder

Special exposure hazards:
- RNA 6000 Nano Gel Matrix
- RNA Nano Dye Concentrate
- RNA 6000 Nano Marker
- RNA 6000 Nano Ladder

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

Personal precautions:
- RNA 6000 Nano Gel Matrix
- RNA Nano Dye Concentrate
- RNA 6000 Nano Marker
- RNA 6000 Nano Ladder
6. Accidental release measures

**Environmental precautions**

- **RNA 6000 Nano Gel Matrix**
  - 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).

- **RNA Nano Dye Concentrate**
  - 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).

- **RNA 6000 Nano Marker**
  - 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).

- **RNA 6000 Nano Ladder**
  - 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**

- **RNA 6000 Nano Gel Matrix**
  - 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.

- **RNA Nano Dye Concentrate**
  - 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.

- **RNA 6000 Nano Marker**
  - 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.

- **RNA 6000 Nano Ladder**
  - 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

**Handling**

- **RNA 6000 Nano Gel Matrix**
  - 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.

- **RNA Nano Dye Concentrate**
  - 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.

- **RNA 6000 Nano Marker**
  - Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored
7. Handling and storage

and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

**RNA 6000 Nano Ladder**
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.

**Storage**
- **RNA 6000 Nano Gel Matrix**
  Storage temperature: 4°C (39.2°F). 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.

- **RNA Nano Dye Concentrate**
  Storage temperature: 4°C (39.2°F). 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.

- **RNA 6000 Nano Marker**
  Storage temperature: 4°C (39.2°F). 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.

- **RNA 6000 Nano Ladder**
  Storage temperature: -20°C (-4°F). 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**
No exposure standard allocated.

**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
8. Exposure controls/personal protection

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

**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**
- RNA 6000 Nano Gel Matrix: Liquid.
- RNA 6000 Nano Marker: Liquid.
- RNA 6000 Nano Ladder: Liquid.

**Colour**
- RNA 6000 Nano Gel Matrix: Not available.
- RNA Nano Dye Concentrate: Blue.
- RNA 6000 Nano Marker: Not available.
- RNA 6000 Nano Ladder: Not available.

**Odour**
- RNA 6000 Nano Gel Matrix: Not available.
- RNA Nano Dye Concentrate: Not available.
- RNA 6000 Nano Marker: Not available.
- RNA 6000 Nano Ladder: Not available.

**Odour threshold**
- RNA 6000 Nano Gel Matrix: Not available.
- RNA Nano Dye Concentrate: Not available.
- RNA 6000 Nano Marker: Not available.
- RNA 6000 Nano Ladder: Not available.

**Boiling point**
- RNA 6000 Nano Gel Matrix: 100°C (212°F)
- RNA Nano Dye Concentrate: 189°C (372.2°F)
- RNA 6000 Nano Marker: 100°C (212°F)
- RNA 6000 Nano Ladder: 100°C (212°F)
### Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>RNA 6000 Nano Gel Matrix</th>
<th>RNA Nano Dye Concentrate</th>
<th>RNA 6000 Nano Marker</th>
<th>RNA 6000 Nano Ladder</th>
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</thead>
<tbody>
<tr>
<td>Melting point</td>
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<td>Not available.</td>
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<td>Relative density</td>
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<tr>
<td>Flammable limits</td>
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<td>Vapour density</td>
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<td>pH</td>
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<td>RNA 6000 Nano Ladder</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Auto-ignition temperature</td>
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<td>RNA 6000 Nano Ladder</td>
</tr>
<tr>
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<tr>
<td>Evaporation rate</td>
<td>RNA 6000 Nano Gel Matrix</td>
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<tr>
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<td>Not available.</td>
<td>RNA 6000 Nano Marker</td>
<td>RNA 6000 Nano Ladder</td>
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</tr>
</tbody>
</table>
### 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Solubility</th>
<th>RNA 6000 Nano Gel Matrix</th>
<th>RNA Nano Dye Concentrate</th>
<th>RNA 6000 Nano Marker</th>
<th>RNA 6000 Nano Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Easily soluble in the following materials: cold water and hot water.</td>
<td>Soluble in the following materials: cold water and hot water.</td>
<td>Easily soluble in the following materials: cold water and hot water.</td>
<td>Easily soluble in the following materials: cold water and hot water.</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Chemical stability</th>
<th>RNA 6000 Nano Gel Matrix</th>
<th>RNA Nano Dye Concentrate</th>
<th>RNA 6000 Nano Marker</th>
<th>RNA 6000 Nano Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The product is stable.</td>
<td>The product is stable.</td>
<td>The product is stable.</td>
<td>The product is stable.</td>
</tr>
</tbody>
</table>

**Possibility of hazardous reactions**

<table>
<thead>
<tr>
<th>RNA 6000 Nano Gel Matrix</th>
<th>RNA Nano Dye Concentrate</th>
<th>RNA 6000 Nano Marker</th>
<th>RNA 6000 Nano Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
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<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conditions to avoid</th>
<th>RNA 6000 Nano Gel Matrix</th>
<th>RNA Nano Dye Concentrate</th>
<th>RNA 6000 Nano Marker</th>
<th>RNA 6000 Nano Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td>No specific data.</td>
<td>No specific data.</td>
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</table>

**Materials to avoid**

<table>
<thead>
<tr>
<th>RNA 6000 Nano Gel Matrix</th>
<th>RNA Nano Dye Concentrate</th>
<th>RNA 6000 Nano Marker</th>
<th>RNA 6000 Nano Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td>No specific data.</td>
<td>No specific data.</td>
<td>No specific data.</td>
<td>No specific data.</td>
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</table>

**Hazardous decomposition products**

<table>
<thead>
<tr>
<th>RNA 6000 Nano Gel Matrix</th>
<th>RNA Nano Dye Concentrate</th>
<th>RNA 6000 Nano Marker</th>
<th>RNA 6000 Nano Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
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</tr>
</tbody>
</table>

### 11. Toxicological information

**Potential acute health effects**

**Inhalation**

<table>
<thead>
<tr>
<th>RNA 6000 Nano Gel Matrix</th>
<th>RNA Nano Dye Concentrate</th>
<th>RNA 6000 Nano Marker</th>
<th>RNA 6000 Nano Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

**Ingestion**

<table>
<thead>
<tr>
<th>RNA 6000 Nano Gel Matrix</th>
<th>RNA Nano Dye Concentrate</th>
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<th>RNA 6000 Nano Ladder</th>
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</thead>
<tbody>
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<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>
### Toxicological information

#### Skin contact
- RNA 6000 Nano Gel Matrix: No known significant effects or critical hazards.
- RNA Nano Dye Concentrate: No known significant effects or critical hazards.
- RNA 6000 Nano Marker: No known significant effects or critical hazards.
- RNA 6000 Nano Ladder: No known significant effects or critical hazards.

#### Eye contact
- RNA 6000 Nano Gel Matrix: No known significant effects or critical hazards.
- RNA Nano Dye Concentrate: No known significant effects or critical hazards.
- RNA 6000 Nano Marker: No known significant effects or critical hazards.
- RNA 6000 Nano Ladder: No known significant effects or critical hazards.

#### Acute toxicity

**Conclusion/Summary**: Not available.

### Potential chronic health effects

#### Irritation/Corrosion

**Conclusion/Summary**: Not available.

#### Sensitiser

**Conclusion/Summary**: Not available.

#### Chronic toxicity / Carcinogenicity / Mutagenicity / Teratogenicity / Reproductive toxicity

Not available.

#### Chronic effects
- RNA 6000 Nano Gel Matrix: No known significant effects or critical hazards.
- RNA Nano Dye Concentrate: No known significant effects or critical hazards.
- RNA 6000 Nano Marker: No known significant effects or critical hazards.
- RNA 6000 Nano Ladder: No known significant effects or critical hazards.

#### Carcinogenicity
- RNA 6000 Nano Gel Matrix: No known significant effects or critical hazards.
- RNA Nano Dye Concentrate: No known significant effects or critical hazards.
- RNA 6000 Nano Marker: No known significant effects or critical hazards.
- RNA 6000 Nano Ladder: No known significant effects or critical hazards.

#### Mutagenicity
- RNA 6000 Nano Gel Matrix: No known significant effects or critical hazards.
- RNA Nano Dye Concentrate: No known significant effects or critical hazards.
- RNA 6000 Nano Marker: No known significant effects or critical hazards.
- RNA 6000 Nano Ladder: No known significant effects or critical hazards.

#### Teratogenicity
- RNA 6000 Nano Gel Matrix: No known significant effects or critical hazards.
- RNA Nano Dye Concentrate: No known significant effects or critical hazards.
- RNA 6000 Nano Marker: No known significant effects or critical hazards.
- RNA 6000 Nano Ladder: No known significant effects or critical hazards.

#### Developmental effects
- RNA 6000 Nano Gel Matrix: No known significant effects or critical hazards.
- RNA Nano Dye Concentrate: No known significant effects or critical hazards.
- RNA 6000 Nano Marker: No known significant effects or critical hazards.
- RNA 6000 Nano Ladder: No known significant effects or critical hazards.

#### Fertility effects
- RNA 6000 Nano Gel Matrix: No known significant effects or critical hazards.
- RNA Nano Dye Concentrate: No known significant effects or critical hazards.
- RNA 6000 Nano Marker: No known significant effects or critical hazards.
- RNA 6000 Nano Ladder: No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

None available.
11. Toxicological information

**Inhalation**
- RNA 6000 Nano Gel Matrix: No specific data.
- RNA Nano Dye Concentrate: No specific data.
- RNA 6000 Nano Marker: No specific data.
- RNA 6000 Nano Ladder: No specific data.

**Ingestion**
- RNA 6000 Nano Gel Matrix: No specific data.
- RNA Nano Dye Concentrate: No specific data.
- RNA 6000 Nano Marker: No specific data.
- RNA 6000 Nano Ladder: No specific data.

**Skin**
- RNA 6000 Nano Gel Matrix: No specific data.
- RNA Nano Dye Concentrate: No specific data.
- RNA 6000 Nano Marker: No specific data.
- RNA 6000 Nano Ladder: No specific data.

**Eyes**
- RNA 6000 Nano Gel Matrix: No specific data.
- RNA Nano Dye Concentrate: No specific data.
- RNA 6000 Nano Marker: No specific data.
- RNA 6000 Nano Ladder: No specific data.

**Target organs**
- RNA 6000 Nano Gel Matrix: Not available.
- RNA Nano Dye Concentrate: Contains material which may cause damage to the following organs: kidneys, liver, skin, eye, lens or cornea.
- RNA 6000 Nano Marker: Not available.
- RNA 6000 Nano Ladder: Not available.

12. Ecological information

**Ecotoxicity**
- No known significant effects or critical hazards.

**Other ecological information**

**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 spill 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

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Control of Scheduled Carcinogenic Substances

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>No listed substance</td>
<td></td>
</tr>
</tbody>
</table>

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

16. Other information

Date of issue : 28/01/2015
Date of previous issue : 10/06/2014.

Indicates information that has changed from previously issued version.

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