Agilent RNA 6000 Nano Ladder, Part Number 5067-1529

1. Identification of the material and supplier

Names

- Product name: Agilent RNA 6000 Nano Ladder, Part Number 5067-1529
- Part No. (Chemical Kit): 5067-1529
- Part No.: RNA 6000 Nano Ladder
- 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: RNA 6000 Nano Ladder
  Industrial applications, Professional applications.
- Material uses: Analytical chemistry.
  Research and Development
  RNA 6000 Nano Ladder 1 x 0.035 ml

2. Hazards identification

Classification: RNA 6000 Nano Ladder
Risk phrases: RNA 6000 Nano Ladder
Safety phrases: RNA 6000 Nano Ladder S36- Wear suitable protective clothing.
Statement of hazardous/dangerous nature: RNA 6000 Nano Ladder NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

3. Composition/information on ingredients

Mixture: RNA 6000 Nano Ladder

- Ingredient name: RNA 6000 Nano Ladder
  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 Ladder
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

**Ingestion**: 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.

**Skin contact**: 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 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 Ladder

No action shall be taken involving any personal risk or without suitable training.

**Advice to doctor**: 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 Ladder

Use an extinguishing agent suitable for the surrounding fire.

**Not suitable**: RNA 6000 Nano Ladder

None known.

**Special exposure hazards**: RNA 6000 Nano Ladder

Use an extinguishing agent suitable for the surrounding fire. 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.

**Hazardous thermal decomposition products**: RNA 6000 Nano Ladder

In a fire or if heated, a pressure increase will occur and the container may burst.

**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 Ladder

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**: 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 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 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 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**

- **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

<table>
<thead>
<tr>
<th>Physical state</th>
<th>RNA 6000 Nano Ladder</th>
<th>Liquid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
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</tr>
<tr>
<td>Odour</td>
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<td>Odour threshold</td>
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</tr>
<tr>
<td>Boiling point</td>
<td>RNA 6000 Nano Ladder</td>
<td>100°C (212°F)</td>
</tr>
<tr>
<td>Melting point</td>
<td>RNA 6000 Nano Ladder</td>
<td>0°C (32°F)</td>
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<tr>
<td>Vapour pressure</td>
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<tr>
<td>Relative density</td>
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<td>Flash point</td>
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<td>Flammable limits</td>
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<td>Vapour density</td>
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<tr>
<td>Evaporation rate</td>
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<tr>
<td>Solubility</td>
<td>RNA 6000 Nano Ladder</td>
<td>Easily soluble in the following materials: cold water and hot water.</td>
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</table>

## 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Chemical stability</th>
<th>RNA 6000 Nano Ladder</th>
<th>The product is stable.</th>
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<tbody>
<tr>
<td>Possibility of hazardous reactions</td>
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<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
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<td>Conditions to avoid</td>
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<tr>
<td>Materials to avoid</td>
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<tr>
<td>Hazardous decomposition products</td>
<td>RNA 6000 Nano Ladder</td>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
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</table>

## 11. Toxicological information

### Potential acute health effects

- **Inhalation**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.
- **Ingestion**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.
- **Skin contact**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.
- **Eye contact**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.

#### Acute toxicity

- **Conclusion/Summary**: Not available.

### Potential chronic health effects

- **Irritation/Corrosion**: Not available.
- **Sensitiser**: Not available.

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

Not available.

- **Chronic effects**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.
- **Carcinogenicity**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.
- **Mutagenicity**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.
- **Teratogenicity**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.
- **Developmental effects**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.
- **Fertility effects**: RNA 6000 Nano Ladder, No known significant effects or critical hazards.

### Over-exposure signs/symptoms

Not available.
11. Toxicological information

<table>
<thead>
<tr>
<th></th>
<th>RNA 6000 Nano Ladder</th>
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<tbody>
<tr>
<td>Inhalation</td>
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<tr>
<td>Ingestion</td>
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<td>Eyes</td>
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<tr>
<td>Target organs</td>
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12. Ecological information

<table>
<thead>
<tr>
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<tr>
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<tr>
<td>Other ecological information</td>
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<tr>
<td>Other adverse effects</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

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

15. Regulatory information


Control of Scheduled Carcinogenic Substances

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

Australia inventory (AICS) : Not determined.

16. Other information

Remarks : 

Date of issue : 31/07/2014

Date of previous issue : 25/04/2012.

Indicates information that has changed from previously issued version.

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