Section 1. Identification

Product identifier : Custom MassCode PCR Purification Kit, Part Number 930605
Part No. (Chemical Kit) : 930605
Part No. : DNA-Binding Solution 400773-13
Wash Buffer (5X) 400773-16

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

Analytical reagent.
DNA-Binding Solution 3 x 25 ml
Wash Buffer (5X) 50 ml

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

DNA-Binding Solution
H302 ACUTE TOXICITY (oral) - Category 4
H332 ACUTE TOXICITY (inhalation) - Category 4
H412 LONG-TERM AQUATIC HAZARD - Category 3

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 1.6%

DNA-Binding Solution
Wash Buffer (5X)

Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 1.6%

DNA-Binding Solution
Wash Buffer (5X)

GHS label elements

Hazard pictograms :

Signal word : DNA-Binding Solution WARNING
Wash Buffer (5X) No signal word.

Hazard statements : DNA-Binding Solution H302 + H332 - Harmful if swallowed or if inhaled.
H412 - Harmful to aquatic life with long lasting effects.
Wash Buffer (5X) No known significant effects or critical hazards.

Precautionary statements

Prevention : DNA-Binding Solution P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P261 - Avoid breathing vapour.
P270 - Do not eat, drink or smoke when using this product.
P264 - Wash hands thoroughly after handling.

Wash Buffer (5X) Not applicable.
Section 2. Hazard(s) identification

Response: DNA-Binding Solution
- P304 + P340 + P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
- P301 + P312 + P330 - IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth.

Storage: DNA-Binding Solution
- Not applicable.

Disposal: DNA-Binding Solution
- P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements: DNA-Binding Solution
- Not applicable.

Other hazards which do not result in classification: DNA-Binding Solution
- None known.

Section 3. Composition and ingredient information

Substance/mixture: DNA-Binding Solution, Wash Buffer (5X)

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>% (w/w)</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNA-Binding Solution</td>
<td>≥30 - &lt;55</td>
<td>593-84-0</td>
</tr>
<tr>
<td>Guanidinium thiocyanate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact: DNA-Binding Solution, Wash Buffer (5X)
- 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.

Inhalation: DNA-Binding Solution
- Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open.
Section 4. First aid measures

**Skin contact**

- **DNA-Binding Solution**
  - Flush contaminated skin with plenty of water.
  - Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

- **Wash Buffer (5X)**
  - Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Ingestion**

- **DNA-Binding Solution**
  - 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 necessary, call a poison center or physician. 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.
  - Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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

**Potential acute health effects**

- **Eye contact**
  - DNA-Binding Solution
  - No known significant effects or critical hazards.
  - Wash Buffer (5X)
  - No known significant effects or critical hazards.

- **Inhalation**
  - DNA-Binding Solution
  - Harmful if inhaled.
  - Wash Buffer (5X)
  - No known significant effects or critical hazards.

- **Skin contact**
  - DNA-Binding Solution
  - No known significant effects or critical hazards.
  - Wash Buffer (5X)
  - No known significant effects or critical hazards.

- **Ingestion**
  - DNA-Binding Solution
  - Harmful if swallowed.
  - Wash Buffer (5X)
  - No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

- **Eye contact**
  - DNA-Binding Solution
  - No specific data.
  - Wash Buffer (5X)
  - No specific data.

- **Inhalation**
  - DNA-Binding Solution
  - No specific data.
  - Wash Buffer (5X)
  - No specific data.

- **Skin contact**
  - DNA-Binding Solution
  - No specific data.
  - Wash Buffer (5X)
  - No specific data.

- **Ingestion**
  - DNA-Binding Solution
  - No specific data.
  - Wash Buffer (5X)
  - No specific data.
Section 4. First aid measures

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

Notes to physician:
- DNA-Binding Solution: 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.
- Wash Buffer (5X): Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments:
- DNA-Binding Solution: No specific treatment.

Protection of first-aiders:
- DNA-Binding Solution: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
- Wash Buffer (5X): No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media:
- DNA-Binding Solution: Use an extinguishing agent suitable for the surrounding fire.
- Wash Buffer (5X): Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media:
- DNA-Binding Solution: None known.
- Wash Buffer (5X): None known.

Specific hazards arising from the chemical:
- DNA-Binding Solution: In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Wash Buffer (5X): In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products:
- DNA-Binding Solution: Decomposition products may include the following materials:
  - carbon dioxide
  - carbon monoxide
  - nitrogen oxides
  - sulfur oxides
  - halogenated compounds
- Wash Buffer (5X): No specific data.

Special protective actions for fire-fighters:
- DNA-Binding Solution: 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.
- Wash Buffer (5X): Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Section 5. Firefighting measures

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

Wash Buffer (5X)
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:
DNA-Binding Solution
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.

Wash Buffer (5X)
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:
DNA-Binding Solution
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".

Wash Buffer (5X)
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".

Environmental precautions:
DNA-Binding Solution
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). Water polluting material. May be harmful to the environment if released in large quantities.

Wash Buffer (5X)
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:
DNA-Binding Solution
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.

Wash Buffer (5X)
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**

**DNA-Binding Solution**

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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.

**Wash Buffer (5X)**

Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene

**DNA-Binding Solution**

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.

**Wash Buffer (5X)**

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

**DNA-Binding Solution**

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.

**Wash Buffer (5X)**

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.

Section 8. Exposure controls and personal protection

Control parameters

**Occupational exposure limits**

None.

**Appropriate engineering controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Section 8. Exposure controls and personal protection

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.

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

Physical state:
- DNA-Binding Solution: Liquid.
- Wash Buffer (5X): Liquid.

Colour:
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Odour:
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Odour threshold:
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

pH:
- DNA-Binding Solution: 6.4
- Wash Buffer (5X): 6.4

Melting point:
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): 0°C (32°F)

Boiling point:
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): 100°C (212°F)

Flash point:
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Evaporation rate:
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Flammability (solid, gas):
- DNA-Binding Solution: Not applicable.
- Wash Buffer (5X): Not applicable.

Lower and upper explosive (flammable) limits:
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Vapour pressure:
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.
Section 9. Physical and chemical properties

Vapour density
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Relative density
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Solubility
- DNA-Binding Solution: Soluble in the following materials: cold water and hot water.
- Wash Buffer (5X): Easily soluble in the following materials: cold water and hot water.

Partition coefficient: n-octanol/water
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Auto-ignition temperature
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Decomposition temperature
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Viscosity
- DNA-Binding Solution: Not available.
- Wash Buffer (5X): Not available.

Section 10. Stability and reactivity

Reactivity
- DNA-Binding Solution: No specific test data related to reactivity available for this product or its ingredients.
- Wash Buffer (5X): No specific test data related to reactivity available for this product or its ingredients.

Chemical stability
- DNA-Binding Solution: The product is stable.
- Wash Buffer (5X): The product is stable.

Possibility of hazardous reactions
- DNA-Binding Solution: Under normal conditions of storage and use, hazardous reactions will not occur.
- Wash Buffer (5X): Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid
- DNA-Binding Solution: No specific data.
- Wash Buffer (5X): No specific data.

Incompatible materials
- DNA-Binding Solution: May react or be incompatible with oxidising materials.
- Wash Buffer (5X): May react or be incompatible with oxidising materials.

Hazardous decomposition products
- DNA-Binding Solution: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Wash Buffer (5X): Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity
Not available.

Irritation/Corrosion
Not available.

Sensitisation
Not available.

Mutagenicity
Not available.
Section 11. Toxicological information

Carcinogenicity
Not available.

Reproductive toxicity
Not available.

Teratogenicity
Not available.

Specific target organ toxicity (single exposure)
Not available.

Specific target organ toxicity (repeated exposure)
Not available.

Aspiration hazard
Not available.

Information on likely routes of exposure

<table>
<thead>
<tr>
<th>Routes of entry</th>
<th>DNA-Binding Solution</th>
<th>Wash Buffer (5X)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Harmful if inhaled.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No known significant effects or critical hazards.</td>
<td></td>
</tr>
<tr>
<td>Skin contact</td>
<td>No known significant effects or critical hazards.</td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td>Harmful if swallowed.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No known significant effects or critical hazards.</td>
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</tbody>
</table>

Potential acute health effects

<table>
<thead>
<tr>
<th>Route</th>
<th>DNA-Binding Solution</th>
<th>Wash Buffer (5X)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
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<tr>
<td></td>
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<td></td>
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<tr>
<td>Inhalation</td>
<td>Harmful if inhaled.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No known significant effects or critical hazards.</td>
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</tr>
<tr>
<td>Skin contact</td>
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</tr>
<tr>
<td></td>
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<tr>
<td>Ingestion</td>
<td>Harmful if swallowed.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No known significant effects or critical hazards.</td>
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</tr>
</tbody>
</table>

Symptoms related to the physical, chemical and toxicological characteristics

<table>
<thead>
<tr>
<th>Route</th>
<th>DNA-Binding Solution</th>
<th>Wash Buffer (5X)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>No specific data.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No specific data.</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>No specific data.</td>
<td></td>
</tr>
<tr>
<td>Skin contact</td>
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</tr>
<tr>
<td></td>
<td>No specific data.</td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>No specific data.</td>
<td></td>
</tr>
</tbody>
</table>

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

Short term exposure

Potential immediate effects
Not available.

Potential delayed effects
Not available.

Long term exposure

Potential immediate effects
Not available.

Potential delayed effects
Not available.

Potential chronic health effects
Not available.

<table>
<thead>
<tr>
<th>Route</th>
<th>DNA-Binding Solution</th>
<th>Wash Buffer (5X)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>No known significant effects or critical hazards.</td>
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</tr>
<tr>
<td></td>
<td>No specific data.</td>
<td></td>
</tr>
</tbody>
</table>
Section 11. Toxicological information

Carcinogenicity:
- DNA-Binding Solution: No known significant effects or critical hazards.
- Wash Buffer (5X): No known significant effects or critical hazards.

Mutagenicity:
- DNA-Binding Solution: No known significant effects or critical hazards.
- Wash Buffer (5X): No known significant effects or critical hazards.

Teratogenicity:
- DNA-Binding Solution: No known significant effects or critical hazards.
- Wash Buffer (5X): No known significant effects or critical hazards.

Developmental effects:
- DNA-Binding Solution: No known significant effects or critical hazards.
- Wash Buffer (5X): No known significant effects or critical hazards.

Fertility effects:
- DNA-Binding Solution: No known significant effects or critical hazards.
- Wash Buffer (5X): No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

<table>
<thead>
<tr>
<th>Route</th>
<th>ATE value</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNA-Binding Solution</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>1063.8 mg/kg</td>
</tr>
<tr>
<td>Dermal</td>
<td>2340.4 mg/kg</td>
</tr>
<tr>
<td>Inhalation (dusts and mists)</td>
<td>3.191 mg/l</td>
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<tr>
<td>Wash Buffer (5X)</td>
<td></td>
</tr>
</tbody>
</table>

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient ($K_{OC}$): Not available.

Other adverse effects

Not available.

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 spilt material and runoff and contact with soil, waterways, drains and sewers.
Section 14. Transport information

Regulatory information

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

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

Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons
Not regulated.

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

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

International regulations

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

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

Stockholm Convention on Persistent Organic Pollutants
Not listed.

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

UNECE Aarhus Protocol on POPs and Heavy Metals
Not listed.

International lists

National inventory

Canada : All components are listed or exempted.

China : All components are listed or exempted.

Europe : All components are listed or exempted.

Japan : Japan inventory (ENCS): All components are listed or exempted.

Japan inventory (ISHL): All components are listed or exempted.

Malaysia : Not determined.

New Zealand : All components are listed or exempted.

Philippines : All components are listed or exempted.

Republic of Korea : Not determined.

Taiwan : All components are listed or exempted.

Turkey : Not determined.

United States : All components are listed or exempted.
## Section 16. Any other relevant information

### History

| Date of issue/Date of revision | : 15/07/2016 |
| Date of previous issue | : No previous validation. |
| Version | : 2 |

### Key to abbreviations

- ADG = Australian Dangerous Goods
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- NOHSC = National Occupational Health and Safety Commission
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

### Procedure used to derive the classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
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<tbody>
<tr>
<td>DNA-Binding Solution</td>
<td>Acute Tox. 4, H302</td>
</tr>
<tr>
<td>Acute Tox. 4, H332</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Aquatic Chronic 3, H412</td>
<td>Calculation method</td>
</tr>
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</table>

### References

- Not available.

Indicates information that has changed from previously issued version.

### Notice to reader

Disclaimer: The information contained in this document is based on Agilent’s state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.