SAFETY DATA SHEET

EGFR 18-21 MASTR

Section 1. Identification

Product identifier: EGFR 18-21 MASTR
Part No. (Chemical Kit): MR-0130.024
Part No.:

PCR Mix Plex 1
Taq DNA Polymerase

Supplier/Manufacturer: Agilent Technologies Belgium
De Kleetlaan 5 bus 9
1831 Diegem
Belgium

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:

PCR Mix Plex 1
Taq DNA Polymerase

Hazard statements:

PCR Mix Plex 1
Taq DNA Polymerase

Precautionary statements

Prevention:

PCR Mix Plex 1
Taq DNA Polymerase

Response:

PCR Mix Plex 1
Taq DNA Polymerase

Storage:

PCR Mix Plex 1
Taq DNA Polymerase

Disposal:

PCR Mix Plex 1
Taq DNA Polymerase

Supplemental label elements

Percentage of the mixture consisting of ingredient(s)
of unknown inhalation toxicity: 10 - 30%

Date of issue/Date of revision: 18/01/2018
Date of previous issue: 30/08/2017
Version: 2
Section 2. Hazard(s) identification

Additional warning phrases:
- AR 1
- PCR Mix Plex 1
- Taq DNA Polymerase

Not applicable.

Other hazards which do not result in classification:
- AR 1
- PCR Mix Plex 1
- Taq DNA Polymerase

None known.

Section 3. Composition and ingredient information

Substance/mixture:
- AR 1 Mixture
- PCR Mix Plex 1 Mixture
- Taq DNA Polymerase Mixture

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.

Section 4. First aid measures

Eye contact:
- AR 1
- PCR Mix Plex 1
- Taq DNA Polymerase

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation:
- AR 1
- PCR Mix Plex 1
- Taq DNA Polymerase

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact:
- AR 1
- PCR Mix Plex 1
- Taq DNA Polymerase

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Date of issue/Date of revision: 18/01/2018
Date of previous issue: 30/08/2017
Version: 2
Section 4. First aid measures

Ingestion : AR 1

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

PCR Mix Plex 1

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

Taq DNA Polymerase

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

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : AR 1

PCR Mix Plex 1

No known significant effects or critical hazards.

Taq DNA Polymerase

No known significant effects or critical hazards.

Inhalation

: AR 1

PCR Mix Plex 1

No known significant effects or critical hazards.

Taq DNA Polymerase

No known significant effects or critical hazards.

Skin contact : AR 1

PCR Mix Plex 1

No known significant effects or critical hazards.

Taq DNA Polymerase

No known significant effects or critical hazards.

Ingestion : AR 1

PCR Mix Plex 1

No known significant effects or critical hazards.

Taq DNA Polymerase

No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : AR 1

PCR Mix Plex 1

No specific data.

Taq DNA Polymerase

No specific data.

Inhalation

: AR 1

PCR Mix Plex 1

No specific data.

Taq DNA Polymerase

No specific data.

Skin contact : AR 1

PCR Mix Plex 1

No specific data.

Taq DNA Polymerase

No specific data.

Ingestion : AR 1

PCR Mix Plex 1

No specific data.

Taq DNA Polymerase

No specific data.

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

Notes to physician : AR 1

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

PCR Mix Plex 1

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.

Taq DNA Polymerase

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Section 4. First aid measures

Specific treatments:
- **AR 1**
  - No specific treatment.
  - PCR Mix Plex 1
  - Taq DNA Polymerase

Protection of first-aiders:
- **AR 1**
  - No action shall be taken involving any personal risk or without suitable training.
  - PCR Mix Plex 1
  - Taq DNA Polymerase

Specific treatments specialist immediately if large quantities have been ingested or inhaled.

Protection of first-aiders:
- **AR 1**
  - No action shall be taken involving any personal risk or without suitable training.
  - PCR Mix Plex 1
  - Taq DNA Polymerase

See toxicological information (Section 11)

Section 5. Firefighting measures

**Extinguishing media**

**Suitable extinguishing media**:
- **AR 1**
  - Use an extinguishing agent suitable for the surrounding fire.
  - PCR Mix Plex 1
  - Taq DNA Polymerase

**Unsuitable extinguishing media**:
- **AR 1**
  - None known.
  - PCR Mix Plex 1
  - Taq DNA Polymerase

**Specific hazards arising from the chemical**:
- **AR 1**
  - In a fire or if heated, a pressure increase will occur and the container may burst.
  - PCR Mix Plex 1
  - Taq DNA Polymerase

**Hazardous thermal decomposition products**:
- **AR 1**
  - Decomposition products may include the following materials:
    - Carbon dioxide
    - Carbon monoxide
    - Nitrogen oxides
    - Phosphorus oxides
  - Taq DNA Polymerase
    - Decomposition products may include the following materials:
      - Carbon dioxide
      - Carbon monoxide

**Special protective actions for fire-fighters**:
- **AR 1**
  - Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
  - PCR Mix Plex 1
  - Taq DNA Polymerase
  - Taq DNA Polymerase

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
## Section 5. Firefighting measures

<table>
<thead>
<tr>
<th>Special protective equipment for fire-fighters</th>
<th>AR 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</td>
<td></td>
</tr>
</tbody>
</table>

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

<table>
<thead>
<tr>
<th></th>
<th>AR 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

#### For emergency responders

<table>
<thead>
<tr>
<th></th>
<th>AR 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 &quot;For non-emergency personnel&quot;.</td>
<td></td>
</tr>
</tbody>
</table>

#### Environmental precautions

<table>
<thead>
<tr>
<th></th>
<th>AR 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>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).</td>
<td></td>
</tr>
</tbody>
</table>

Date of issue/Date of revision: 18/01/2018  
Date of previous issue: 30/08/2017  
Version: 2
Section 6. Accidental release measures

Methods and material for containment and cleaning up

Methods for cleaning up: AR 1
Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

PCR Mix Plex 1
Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Taq DNA Polymerase
Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Protective measures: AR 1
Put on appropriate personal protective equipment (see Section 8).

PCR Mix Plex 1
Put on appropriate personal protective equipment (see Section 8).

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

Advice on general occupational hygiene: AR 1
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.

PCR Mix Plex 1
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.

Taq DNA Polymerase
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: AR 1
Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for
Section 7. Handling and storage

PCR Mix Plex 1
Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Taq DNA Polymerase
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 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taq DNA Polymerase</td>
<td>Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m³ 8 hours.</td>
</tr>
<tr>
<td>Glycerol</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls

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

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.

Date of issue/Date of revision: 18/01/2018  Date of previous issue: 30/08/2017  Version: 2 7/14
Section 8. Exposure controls and personal protection

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

Appearance

Physical state: AR 1 Liquid.
PCR Mix Plex 1 Liquid.
Taq DNA Polymerase Liquid. [Clear. / solution]

Colour: AR 1 Not available.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Colourless.

Odour: AR 1 Not available.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

Odour threshold: AR 1 Not available.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

pH: AR 1 Not available.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

Melting point: AR 1 0°C (32°F)
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

Boiling point: AR 1 100°C (212°F)
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

Flash point: AR 1 Not applicable.
PCR Mix Plex 1 Not applicable.
Taq DNA Polymerase Not applicable.

Evaporation rate: AR 1 Not available.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

Flammability (solid, gas): AR 1 Not applicable.
PCR Mix Plex 1 Not applicable.
Taq DNA Polymerase Not applicable.

Lower and upper explosive (flammable) limits: AR 1 Not available.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

Vapour pressure: AR 1 Not available.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

Vapour density: AR 1 Not available.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

Relative density: AR 1 Not available.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.

Solubility: AR 1 Easily soluble in the following materials: cold water and hot water.
PCR Mix Plex 1 Not available.
Taq DNA Polymerase Not available.
Section 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>AR 1</th>
<th>PCR Mix Plex 1</th>
<th>Taq DNA Polymerase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Section 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>AR 1</th>
<th>PCR Mix Plex 1</th>
<th>Taq DNA Polymerase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>The product is stable.</td>
<td>The product is stable.</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<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>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>No specific data.</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>May react or be incompatible with oxidising materials.</td>
<td>May react or be incompatible with oxidising materials.</td>
<td>May react or be incompatible with oxidising materials.</td>
</tr>
</tbody>
</table>

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taq DNA Polymerase</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>12600 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Irritation/Corrosion

Date of issue/Date of revision : 18/01/2018
Date of previous issue : 30/08/2017.
Version : 2

# Section 11. Toxicological information

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taq DNA Polymerase</td>
<td>Eyes - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 milligrams</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Glycerol</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sensitisation**
Not available.

**Mutagenicity**
Not available.

**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>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not available.</td>
</tr>
<tr>
<td>PCR Mix Plex 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not available.</td>
</tr>
<tr>
<td>Taq DNA Polymerase</td>
<td></td>
<td></td>
<td></td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
<td></td>
</tr>
</tbody>
</table>

**Potential acute health effects**

**Eye contact**
No known significant effects or critical hazards.

**Inhalation**
No known significant effects or critical hazards.

**Skin contact**
No known significant effects or critical hazards.

**Ingestion**
No known significant effects or critical hazards.

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

**Eye contact**
No specific data.

**Inhalation**
No specific data.

**Skin contact**
No specific data.

---

Date of issue/Date of revision : 18/01/2018  Date of previous issue : 30/08/2017  Version : 2  10/14
Section 11. Toxicological information

Ingestion
- AR 1: No specific data.
- PCR Mix Plex 1: No specific data.
- Taq DNA Polymerase: No specific data.

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.

General
- AR 1: No known significant effects or critical hazards.
- PCR Mix Plex 1: No known significant effects or critical hazards.
- Taq DNA Polymerase: No known significant effects or critical hazards.

Carcinogenicity
- AR 1: No known significant effects or critical hazards.
- PCR Mix Plex 1: No known significant effects or critical hazards.
- Taq DNA Polymerase: No known significant effects or critical hazards.

Mutagenicity
- AR 1: No known significant effects or critical hazards.
- PCR Mix Plex 1: No known significant effects or critical hazards.
- Taq DNA Polymerase: No known significant effects or critical hazards.

Teratogenicity
- AR 1: No known significant effects or critical hazards.
- PCR Mix Plex 1: No known significant effects or critical hazards.
- Taq DNA Polymerase: No known significant effects or critical hazards.

Developmental effects
- AR 1: No known significant effects or critical hazards.
- PCR Mix Plex 1: No known significant effects or critical hazards.
- Taq DNA Polymerase: No known significant effects or critical hazards.

Fertility effects
- AR 1: No known significant effects or critical hazards.
- PCR Mix Plex 1: No known significant effects or critical hazards.
- Taq DNA Polymerase: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates
- Not available.

Section 12. Ecological information

Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taq DNA Polymerase</td>
<td>Acute LC50 54000 mg/l Fresh water</td>
<td>Fish - Oncorhynchus mykiss</td>
<td>96 hours</td>
</tr>
<tr>
<td>Glycerol</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability
Section 12. Ecological information

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Test</th>
<th>Result</th>
<th>Dose</th>
<th>Inoculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taq DNA Polymerase</td>
<td>301D Ready Biodegradability - Closed Bottle Test</td>
<td>93 % - 30 days</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogP	extsubscript{ow}</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taq DNA Polymerase</td>
<td>-1.76</td>
<td>-</td>
<td>low</td>
</tr>
</tbody>
</table>

Mobility in soil

- Soil/water partition coefficient (K	extsubscript{oc}) : 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 spilt 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 Annex II of Marpol and the IBC Code : Not available.

Section 15. Regulatory information

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

International regulations

Section 15. Regulatory information

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
Australia : Not determined.
Canada : Not determined.
China : Not determined.
Europe : Not determined.
Malaysia : Not determined.
New Zealand : Not determined.
Philippines : Not determined.
Republic of Korea : Not determined.
Taiwan : Not determined.
Thailand : Not determined.
Turkey : Not determined.
United States : Not determined.
Viet Nam : Not determined.

Section 16. Any other relevant information

History
Date of issue/Date of revision : 18/01/2018
Date of previous issue : 30/08/2017.
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>
</thead>
<tbody>
<tr>
<td>Not classified.</td>
<td></td>
</tr>
</tbody>
</table>

References : Not available.

⇒ Indicates information that has changed from previously issued version.

Notice to reader
Section 16. Any other relevant information

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.