SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: NovoCyte Flow Cytometer Starter Kit, Part Number 8100020
Part no. (chemical kit): 8100020
Part no. (chemical kit):
- NovoRinse solution 872B603C
- NovoFlow sheath fluid 891B601

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

Material uses: For research use only. Not for use in diagnostic procedures (RUO).
- NovoRinse solution 1x 500ml
- NovoFlow sheath fluid 1x 10L

1.3 Details of the supplier of the safety data sheet

Agilent Technologies Manufacturing GmbH & Co. KG
Hewlett-Packard-Str. 8
76337 Waldbronn
Germany
0800 603 1000
e-mail address of person responsible for this SDS: pdl-msds_author@agilent.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation): CHEMTREC®: +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition:
- NovoRinse solution Mixture
- NovoFlow sheath fluid Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Not classified.

See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Signal word: No signal word.
- NovoRinse solution
- NovoFlow sheath fluid

Hazard statements: No known significant effects or critical hazards.
- NovoRinse solution
- NovoFlow sheath fluid

Precautionary statements
Prevention: Not applicable.
- NovoRinse solution
- NovoFlow sheath fluid

Response: Not applicable.
- NovoRinse solution
- NovoFlow sheath fluid
SECTION 2: Hazards identification

Storage: NovoRinse solution Not applicable. NovoFlow sheath fluid Not applicable.

Disposal: NovoRinse solution Not applicable. NovoFlow sheath fluid Not applicable.

Supplemental label elements: NovoRinse solution Not applicable. NovoFlow sheath fluid Not applicable.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: NovoRinse solution Not applicable. NovoFlow sheath fluid Not applicable.

Special packaging requirements:

Tactile warning of danger: NovoRinse solution Not applicable. NovoFlow sheath fluid Not applicable.

2.3 Other hazards:

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII: NovoRinse solution This mixture does not contain any substances that are assessed to be a PBT or a vPvB. NovoFlow sheath fluid This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other hazards which do not result in classification: NovoRinse solution None known. NovoFlow sheath fluid None known.

SECTION 3: Composition/information on ingredients

3.1 Substances: NovoRinse solution Mixture NovoFlow sheath fluid Mixture

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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

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

SECTION 4: First aid measures

4.1 Description of first aid measures:

Eye contact: NovoRinse solution 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. NovoFlow sheath fluid 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: NovoRinse solution Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. NovoFlow sheath fluid Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact: NovoRinse solution Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. NovoFlow sheath fluid Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**NovoCyte Flow Cytometer Starter Kit, Part Number 8100020**

### SECTION 4: First aid measures

| Ingestion | NovoRinse solution | 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. |
| NovoFlow sheath fluid | 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. |

| Protection of first-aiders | NovoRinse solution | No action shall be taken involving any personal risk or without suitable training. |
| NovoFlow sheath fluid | No action shall be taken involving any personal risk or without suitable training. |

### 4.2 Most important symptoms and effects, both acute and delayed

#### Potential acute health effects

| Eye contact | NovoRinse solution | No known significant effects or critical hazards. |
| NovoFlow sheath fluid | No known significant effects or critical hazards. |

| Inhalation | NovoRinse solution | No known significant effects or critical hazards. |
| NovoFlow sheath fluid | No known significant effects or critical hazards. |

| Skin contact | NovoRinse solution | No known significant effects or critical hazards. |
| NovoFlow sheath fluid | No known significant effects or critical hazards. |

| Ingestion | NovoRinse solution | No known significant effects or critical hazards. |
| NovoFlow sheath fluid | No known significant effects or critical hazards. |

#### Over-exposure signs/symptoms

| Eye contact | NovoRinse solution | No specific data. |
| NovoFlow sheath fluid | No specific data. |

| Inhalation | NovoRinse solution | No specific data. |
| NovoFlow sheath fluid | No specific data. |

| Skin contact | NovoRinse solution | No specific data. |
| NovoFlow sheath fluid | No specific data. |

| Ingestion | NovoRinse solution | No specific data. |
| NovoFlow sheath fluid | No specific data. |

### 4.3 Indication of any immediate medical attention and special treatment needed

#### Notes to physician

| NovoRinse solution | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| NovoFlow sheath fluid | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |

#### Specific treatments

| NovoRinse solution | No specific treatment. |
| NovoFlow sheath fluid | No specific treatment. |

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

| Suitable extinguishing media | NovoRinse solution | Use an extinguishing agent suitable for the surrounding fire. |
| NovoFlow sheath fluid | Use an extinguishing agent suitable for the surrounding fire. |

| Unsuitable extinguishing media | NovoRinse solution | None known. |
| NovoFlow sheath fluid | None known. |

#### 5.2 Special hazards arising from the substance or mixture
SECTION 5: Firefighting measures

Hazards from the substance or mixture:
- NovoRinse solution: In a fire or if heated, a pressure increase will occur and the container may burst.
- NovoFlow sheath fluid: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products:
- NovoRinse solution: No specific data.
- NovoFlow sheath fluid: No specific data.

5.3 Advice for firefighters:

Special precautions for fire-fighters:
- NovoRinse 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.
- NovoFlow sheath fluid: 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.

Special protective equipment for fire-fighters:
- NovoRinse solution: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
- NovoFlow sheath fluid: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:
- NovoRinse 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. Put on appropriate personal protective equipment.
- NovoFlow sheath fluid: 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:
- NovoRinse 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".
- NovoFlow sheath fluid: 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".

6.2 Environmental precautions:
- NovoRinse 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).
- NovoFlow sheath fluid: 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).

6.3 Methods and material for containment and cleaning up
NovoCyte Flow Cytometer Starter Kit, Part Number 8100020

SECTION 6: Accidental release measures

Methods for cleaning up:

**NovoRinse 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.

**NovoFlow sheath fluid**
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.

6.4 Reference to other sections:
See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

**Protective measures**

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

**NovoFlow sheath fluid**
Put on appropriate personal protective equipment (see Section 8).

**Advice on general occupational hygiene**

**NovoRinse 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.

**NovoFlow sheath fluid**
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.

7.2 Conditions for safe storage, including any incompatibilities

**Storage**

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

**NovoFlow sheath fluid**
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.

7.3 Specific end use(s)
**SECTION 7: Handling and storage**

### Recommendations

<table>
<thead>
<tr>
<th>Industrial sector specific solutions</th>
<th>NovoRinse solution</th>
<th>NovoFlow sheath fluid</th>
</tr>
</thead>
<tbody>
<tr>
<td>NovoRinse solution</td>
<td>Industrial applications, Professional applications.</td>
<td></td>
</tr>
<tr>
<td>NovoFlow sheath fluid</td>
<td>Industrial applications, Professional applications.</td>
<td></td>
</tr>
</tbody>
</table>

### Not applicable.

**SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

**Occupational exposure limits**

No exposure limit value known.

**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 monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNELs/DMELs**

No DNELs/DMELs available.

**PNECs**

No PNECs available.

#### 8.2 Exposure controls

**Appropriate engineering controls**

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

**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 8: Exposure controls/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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

**Appearance**
- Colour: NovoRinse solution - Colourless, NovoFlow sheath fluid - Colourless.
- Odour: Not available.
- Odour threshold: Not available.
- Melting point/freezing point: NovoRinse solution - 0°C, NovoFlow sheath fluid - 0°C.
- Initial boiling point and boiling range: NovoRinse solution - 100°C, NovoFlow sheath fluid - 100°C.
- Flash point: Not available.
- Evaporation rate: Not available.
- Flammability (solid, gas): Not available.
- Upper/lower flammability or explosive limits: Not available.
- Vapour pressure: Not available.
- Vapour density: Not available.
- Relative density: Not available.
- Solubility(ies): NovoRinse solution - Soluble in the following materials: cold water and hot water, NovoFlow sheath fluid - Soluble in the following materials: cold water and hot water.
- Partition coefficient: n-octanol/water: Not available.
- Auto-ignition temperature: Not available.
- Decomposition temperature: Not available.
- Viscosity: Not available.
- Explosive properties: Not available.
- Oxidising properties: Not available.

9.2 Other information
SECTION 9: Physical and chemical properties

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity
- NovoRinse solution: No specific test data related to reactivity available for this product or its ingredients.
- NovoFlow sheath fluid: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability
- NovoRinse solution: The product is stable.
- NovoFlow sheath fluid: The product is stable.

10.3 Possibility of hazardous reactions
- NovoRinse solution: Under normal conditions of storage and use, hazardous reactions will not occur.
- NovoFlow sheath fluid: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid
- NovoRinse solution: No specific data.
- NovoFlow sheath fluid: No specific data.

10.5 Incompatible materials
- NovoRinse solution: May react or be incompatible with oxidising materials.
- NovoFlow sheath fluid: May react or be incompatible with oxidising materials.

10.6 Hazardous decomposition products
- NovoRinse solution: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- NovoFlow sheath fluid: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
- Not available.

Acute toxicity estimates
- N/A

Irritation/Corrosion
- Conclusion/Summary: Not available.

Sensitiser
- Conclusion/Summary: Not available.

Mutagenicity
- Conclusion/Summary: Not available.

Carcinogenicity
- Conclusion/Summary: Not available.

Reproductive toxicity
- Conclusion/Summary: Not available.

Teratogenicity
- Conclusion/Summary: Not available.

Information on likely routes of exposure
- NovoRinse solution: Not available.
- NovoFlow sheath fluid: Not available.

Potential acute health effects
- Inhalation: No known significant effects or critical hazards.
- Ingestion: No known significant effects or critical hazards.
### SECTION 11: Toxicological information

#### Skin contact
- NovoRinse solution: No known significant effects or critical hazards.
- NovoFlow sheath fluid: No known significant effects or critical hazards.

#### Eye contact
- NovoRinse solution: No known significant effects or critical hazards.
- NovoFlow sheath fluid: No known significant effects or critical hazards.

#### Inhalation
- NovoRinse solution: No specific data.
- NovoFlow sheath fluid: No specific data.

#### Ingestion
- NovoRinse solution: No specific data.
- NovoFlow sheath fluid: No specific data.

#### Skin contact
- NovoRinse solution: No specific data.
- NovoFlow sheath fluid: No specific data.

#### Eye contact
- NovoRinse solution: No specific data.
- NovoFlow sheath fluid: No specific data.

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

#### 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

##### General
- NovoRinse solution: No known significant effects or critical hazards.
- NovoFlow sheath fluid: No known significant effects or critical hazards.

##### Carcinogenicity
- NovoRinse solution: No known significant effects or critical hazards.
- NovoFlow sheath fluid: No known significant effects or critical hazards.

##### Mutagenicity
- NovoRinse solution: No known significant effects or critical hazards.
- NovoFlow sheath fluid: No known significant effects or critical hazards.

##### Teratogenicity
- NovoRinse solution: No known significant effects or critical hazards.
- NovoFlow sheath fluid: No known significant effects or critical hazards.

##### Developmental effects
- NovoRinse solution: No known significant effects or critical hazards.
- NovoFlow sheath fluid: No known significant effects or critical hazards.

##### Fertility effects
- NovoRinse solution: No known significant effects or critical hazards.
- NovoFlow sheath fluid: No known significant effects or critical hazards.

### SECTION 12: Ecological information

#### 12.1 Toxicity
- Conclusion/Summary: Not available.

#### 12.2 Persistence and degradability
- Not available.

#### 12.3 Bioaccumulative potential
- Not available.

#### 12.4 Mobility in soil

##### Soil/water partition coefficient (K<sub>oc</sub>)
- Not available.

##### Mobility
- Not available.
SECTION 12: Ecological information

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product
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.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging
Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : 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

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<th>IATA</th>
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<tr>
<td>14.5 Environmental hazards</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
</tbody>
</table>

**Additional information**

14.6 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.

14.7 Transport in bulk according to IMO instruments : Not available.
SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

<table>
<thead>
<tr>
<th>Label</th>
<th>NovoRinse solution</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>NovoFlow sheath fluid</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

Other EU regulations

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

- Australia: All components are listed or exempted.
- Canada: All components are listed or exempted.
- China: All components are listed or exempted.
- Europe: All components are listed or exempted.
- Japan: All components are listed or exempted.  
  - Japan inventory (ENCS): All components are listed or exempted.  
  - Japan inventory (ISHL): All components are listed or exempted.
- New Zealand: All components are listed or exempted.
- Philippines: All components are listed or exempted.
- Republic of Korea: All components are listed or exempted.
- Taiwan: All components are listed or exempted.
- Thailand: Not determined.
- Turkey: Not determined.
- United States: All components are active or exempted.
- Viet Nam: All components are listed or exempted.
NovoCyte Flow Cytometer Starter Kit, Part Number 8100020

SECTION 15: Regulatory information

15.2 Chemical safety assessment: This product contains substances for which Chemical Safety Assessments might still be required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms:
- ATE = Acute Toxicity Estimate
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- N/A = Not available
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

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

Full text of abbreviated H statements

Not applicable.

Full text of classifications [CLP/GHS]

Not applicable.

Date of issue/ Date of revision: 31/08/2020
Date of previous issue: 09/04/2020
Version: 2.1

Notice to reader

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