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

1.1. Product identifier
Product form : Mixture
Product name : FertiCult Aspiration medium

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

1.2.1. Relevant identified uses
Industrial/Professional use spec : For professional use only
Use of the Substance/mixture : Cell culture medium for human oocyte pick-up

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
FertiPro N.V.
Industriepark Noord 32
8730 Beernem
Belgium
info@fertipro.com

1.4. Emergency telephone number
Emergency number : +3250791805

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified
Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
No labelling applicable

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultrapure water</td>
<td>(CAS No) 7732-18-5</td>
<td>90 - 99</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>(EC no) 231-791-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Heparin</td>
<td>(CAS No) 9041-08-1</td>
<td>&lt; 0,1</td>
<td>Not classified</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>(CAS No) 7647-14-5</td>
<td>0,1 - 1</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>(EC no) 231-598-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEPES</td>
<td>(CAS No) 7365-45-9</td>
<td>0,1 - 1</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>(EC no) 230-907-9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium lactate</td>
<td>(CAS No) 867-56-1</td>
<td>0,1 - 1</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>(EC no) 212-762-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glucose monohydrate</td>
<td>(CAS No) 14431-43-7</td>
<td>0,1 - 1</td>
<td>Not classified</td>
</tr>
<tr>
<td>Sodium Hydrogen Carbonate</td>
<td>(CAS No) 144-55-8</td>
<td>0,1 - 1</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>(EC no) 205-633-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcium Chloride Dihydrate</td>
<td>(CAS No) 10035-04-8</td>
<td>&lt; 0,1</td>
<td>Eye irrit. 2 ; H319</td>
</tr>
<tr>
<td>Magnesium Sulphate Heptahydrate</td>
<td>(CAS No) 10034-99-8</td>
<td>&lt; 0,1</td>
<td>Not classified</td>
</tr>
<tr>
<td>Potassium Chloride</td>
<td>(CAS No) 7447-40-7</td>
<td>&lt; 0,1</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>(EC no) 231-211-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Pyruvate</td>
<td>(CAS No) 113-24-6</td>
<td>&lt; 0,1</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>(EC no) 204-024-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Dihydrogen Phosphate Dihydrate</td>
<td>(CAS No) 13472-35-0</td>
<td>&lt; 0,1</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16
### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>Description of first aid measures</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>First-aid measures general</td>
<td>Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).</td>
</tr>
<tr>
<td>First-aid measures after inhalation</td>
<td>Assure fresh air breathing. Allow the victim to rest.</td>
</tr>
<tr>
<td>First-aid measures after skin contact</td>
<td>Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.</td>
</tr>
<tr>
<td>First-aid measures after eye contact</td>
<td>Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.</td>
</tr>
<tr>
<td>First-aid measures after ingestion</td>
<td>Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Symptoms/injuries</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not expected to present a significant hazard under anticipated conditions of normal use.</td>
<td></td>
</tr>
</tbody>
</table>

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsuitable extinguishing media</td>
<td>Do not use a heavy water stream.</td>
</tr>
</tbody>
</table>

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Advice for firefighters

| Firefighting instructions | Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | Do not enter fire area without proper protective equipment, including respiratory protection. |

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

| Emergency procedures | Evacuate unnecessary personnel. |

##### 6.1.2. For emergency responders

| Protective equipment | Equip cleanup crew with proper protection. |
| Emergency procedures | Ventilate area. |

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters

#### 6.3. Methods and material for containment and cleaning up

| Methods for cleaning up | Collect spillage. |

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

| Precautions for safe handling | Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. |

#### 7.2. Conditions for safe storage, including any incompatibilities

<table>
<thead>
<tr>
<th>Storage conditions</th>
<th>Keep only in the original container away from direct (sun)light; Keep container closed when not in use. Do not freeze. Do not use after expiry date. The products can be used safely up to 7 days after opening, when sterile conditions are maintained and the products are stored at 2-8°C. Content cannot be re-sterilized after opening.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incompatible products</td>
<td>Strong bases. Strong acids.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Sources of ignition; Direct (sun)light.</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>2 - 25 °C (once opened, store at 2-8°C)</td>
</tr>
</tbody>
</table>

#### 7.3. Specific end use(s)

See instructions for use delivered with the device.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available
8.2. Exposure controls

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety. Avoid all unnecessary exposure.

Personal protective equipment: Wear fire/flame resistant/retardant clothing.

Skin protection: Complete suit protecting against chemicals, flame retardant antistatic protective clothing. The type of protection must be selected according to the concentration and volume of the dangerous substance at the specific workplace.

Hand protection: Wear protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to meet the specifications of EU-directive 89/686/EEC and the standard EN374 derived from it.

Eye/Face protection: Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Respiratory protection: Wear appropriate mask. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Other information: Do not eat, drink or smoke during use. Do not pipette liquid using a mouth pipette.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: white to slightly yellow.
- Odour: odourless.
- Odour threshold: No data available
- pH: 7.3 - 7.9 (@ 25°C, under air)
- Relative evaporation rate (butylacetate=1): No data available
- Melting point: No data available
- Freezing point: No data available
- Boiling point: No data available
- Flash point: No data available
- Auto-ignition temperature: No data available
- Decomposition temperature: No data available
- Flammability (solid, gas): Non flammable
- Vapour pressure: No data available
- Relative vapour density at 20 °C: No data available
- Relative density: No data available
- Solubility: highly soluble in water.
- Log Pow: No data available
- Viscosity, kinematic: No data available
- Viscosity, dynamic: No data available
- Explosive properties: No data available
- Oxidising properties: No data available
- Explosive limits: No data available

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable after transport (max. 5 days) at elevated (≤37°C) temperature. Stable for 18 months from date of manufacture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct (sun)light; Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.
10.6. Hazardous decomposition products
Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| Acute toxicity | Not classified | Extensive data on Mouse Embryo Assays have demonstrated that the medium is not toxic |
| Irritation | Not classified | The medium meets the requirements of the ISO 10993-10 guideline. This was determined by an independent test laboratory using the direct intracutaneous injection test |
| Corrosivity | Not classified | The medium meets the requirements of the ISO 10993-10 guideline. This was determined by an independent test laboratory using the Kligman maximization test. |
| Sensitisation | Not classified | |

Repeated dose toxicity | Not classified |
Carcinogenicity | Not classified |
Mutagenicity | Not classified |
Toxicity for reproduction | Not classified |
Potential adverse human health effects and symptoms | Based on available data, the classification criteria are not met. |
Other information | Route of exposure: with oocyte pick-up and follicular flushing, the medium comes into contact with ovarian follicles |

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general | No known ecological damage caused by this product. |

12.2. Persistence and degradability
FertiCult Aspiration medium
Persistence and degradability | Not established. |

12.3. Bioaccumulative potential
FertiCult Aspiration medium
Bioaccumulative potential | Not established. |

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Other adverse effects
Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations | Dispose in a safe manner in accordance with local/national regulations. |
Ecology - waste materials | Avoid release to the environment. |

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number
Not regulated for transport

14.2. UN proper shipping name
Proper Shipping Name (ADR) | Not applicable |
Proper Shipping Name (IMDG) | Not applicable |
Proper Shipping Name (IATA) | Not applicable |
Proper Shipping Name (ADN) | Not applicable |
Proper Shipping Name (RID) | Not applicable |

14.3. Transport hazard class(es)
ADR
Transport hazard class(es) (ADR) | Not applicable |
IMDG
Transport hazard class(es) (IMDG) | Not applicable |
FertiCult Aspiration medium
Safety Data Sheet
according to Regulation (EC) No. 453/2010

IATA
Transport hazard class(es) (IATA) : Not applicable

ADN
Transport hazard class(es) (ADN) : Not applicable

RID
Transport hazard class(es) (RID) : Not applicable

14.4. Packing group
Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards
Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user
Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations
No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information


Full text of H- and EUH-phrases:
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
</tbody>
</table>

SDS EU (REACH Annex II)
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.