1. Identification of the substance/preparation and of the company/undertaking

- Product details
- Component name: Smartladder
- Product name: Smartladder (400 lanes) Smartladder (1000 lanes)
- Catalog number: MW-1700-04 MW-1700-10
- Manufacturer/Supplier: Eurogentec S.A. Parc Scientifique du Sart Tilman 4102 Seraing Belgium Tel. +32-4-3727400 Fax.+32-4-3727500
- Further information obtainable from: Eurogentec Helpdesk Tel. +32-4-3727665
- Information in case of emergency: Please contact the regional Eurogentec representation in your country or Eurogentec S.A. directly.
- MSDS-Nr.: MSDS-SMARTLADDER-V1

2. Composition/information on ingredients

- Chemical characterization
- Description: Mixture of substances listed below with non hazardous additions
- Dangerous components:

<table>
<thead>
<tr>
<th>Chemical Characterization</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>26873-85-8 Ficoll 400</td>
<td>&lt;10%</td>
</tr>
</tbody>
</table>

3. Hazards identification

- Hazard description: Not applicable
- Information concerning particular hazards for human and environment: Warning – This preparation contains a substance not yet tested completely.
- Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. First-aid measures

- After inhalation: Fresh air. Consult a doctor in case of complaints.
- After skin contact: Wash off under running water
- After eye contact: Rinse out with plenty of water
- After swallowing: Make victim drink plenty of water. Consult doctor if feeling unwell.

5. Fire-fighting measures

- Suitable extinguishing agents: Water, CO2, powder or foam.
- Protective equipment: Protective clothing and goggles
## Component name: Smartladder

### 6. Accidental release measures

- **Person-related safety precautions:** Ensure adequate ventilation.
- **Measures for environmental protection:** Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collection:** Absorb with liquid-binding material.

### 7. Handling and storage

- **Handling:**
  - Information for safe handling: Not required
  - Information about fire: Not required

- **Storage:**
  - Requirements to be met by storerooms and receptacles: No further requirements
  - Information about storage in one common storage facility: Not required
  - Further information about storage conditions: -20°C
  - Class according to regulation on flammable liquids: Void

### 8. Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further requirements; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** No ingredients need monitoring
- **Personal protective equipment:**
  - General protective and hygienic measures: The usual precautionary measures are to be adhered when handling chemicals
  - Respiratory protection: Not required
  - Protection of hands: Protective gloves
  - Eye protection: Protective goggles

### 9. Physical and chemical properties

- **Form:** Fluid
- **Color:** Blue
- **Odor:** Odorless
- **Change in condition**
  - Melting point/range: Undetermined
  - Boiling point/range: Undetermined
- **Flash point:** Not applicable
- **Self-igniting:** Not self-igniting
- **Danger of explosion:** No explosion hazard
- **Density:** Not determined
- **Solubility in water:** Fully soluble
- **Miscibility with water:** Fully miscible

### 10. Stability and reactivity

- **Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** No information available
- **Dangerous decomposition products:** No information available
Component name: Smartladder

11. Toxicological information

- Acute toxicity: -
- Primary irritant effect: -
- On the skin: Irritant to skin and mucous membranes
- On the eye: Irritating effect
- Sensitization: Possible
- Additional toxicological information: The product should be handled with the usual care when dealing with chemicals

12. Ecological information

- General notes: Not known to be hazardous to water.

13. Disposal considerations

- Product:
  - Recommendation: Dispose as special waste in compliance with official regulations. Do not allow product to reach sewage system.
- Uncleaned packaging:
  - Recommendation: Dispose in compliance with official regulations
  - Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transport information

- Land transport ADR/RID (cross-border):
- ADR/RID class: -
- Maritime transport IMDG:
- IMDG Class: -
- Marine pollutant: No
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15. Regulation information

- Labeling according to EU guidelines:
  - Symbol: -
  - R-phrases: -
  - S-phrases: -

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.