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

Identification of the substance or mixture

<table>
<thead>
<tr>
<th>Product code</th>
<th>26126</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>CA(PEG)n</td>
</tr>
</tbody>
</table>

Company/undertaking identification

Life Technologies Corporation
5781 Van Allen Way
PO Box 6482
Carlsbad, CA 92008
+1 760 603 7200

Life Technologies
5250 Mainway Drive
Burlington, ONT
CANADA L7L 6A4
800/263-6236

Thermo Fisher Scientific
Pierce Biotechnology
P.O. Box 117
Rockford, IL 61105
United States
1.815.968.0747 or
1.800.874.3723

24 hour Emergency Response: 866-536-0631
301-431-8585
Outside of the U.S. +1-301-431-8585

Country specific Emergency Number (if available):
CHEMTREC Brazil (Rio De Janeiro) + (55)-2139581449 (português)

Use as laboratory reagent. Scientific research and development.

GHS - Classification

Signal Word
None

Health hazards
Not classified

Physical hazards
Not classified

Hazard Statements
Not Applicable
Precautionary Statements

Prevention
Not Applicable

Response
Not Applicable

Storage
Not Applicable

Disposal
Not Applicable

**Principle Routes of Exposure**

**Potential Health Effects**

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>eyes</td>
<td>May cause eye irritation with susceptible persons.</td>
</tr>
<tr>
<td>Skin</td>
<td>May cause skin irritation in susceptible persons.</td>
</tr>
<tr>
<td>inhalation</td>
<td>May be harmful by inhalation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed.</td>
</tr>
</tbody>
</table>

**Specific effects**

- **Carcinogenic effects**: None.
- **Mutagenic effects**: None.
- **Reproductive toxicity**: None.
- **Sensitization**: None.

**Target Organ Effects**: No known effects under normal use conditions.

**HMIS**

<table>
<thead>
<tr>
<th>Category</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>0</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

**SECTION 3: Composition/information on ingredients**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>EINECS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA(PEG)n</td>
<td>-</td>
<td>Not Listed</td>
<td>98-100</td>
</tr>
</tbody>
</table>

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**SECTION 4: First aid measures**

**Skin contact**: Rinse cautiously with water for several minutes. Immediate medical attention is not required.

**Eye contact**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

**Ingestion**: Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

**inhalation**: Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Section 5: Firefighting measures

Special protective equipment for firefighters: Standard procedure for chemical fires.
Specific hazards arising from the chemical: Not known

Section 6: Accidental release measures

Personal precautions: Always wear recommended Personal Protective Equipment. Use personal protection equipment.
Methods for cleaning up: Soak up with inert absorbent material.

Environmental precautions:
No special environmental precautions required.
See Section 12 for more information.

Section 7: Handling and storage

Handling: Always wear recommended Personal Protective Equipment. No special handling advices are necessary.
Storage: Keep in a dry, cool and well-ventilated place.

Section 8: Exposure controls/personal protection

Exposure Limits:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL</th>
<th>OSHA PEL (Ceiling)</th>
<th>ACGIH OEL (TWA)</th>
<th>ACGIH OEL (STEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA(PEG)n</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment:
Personal Protective Equipment requirements are dependent on the user institution’s risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Impervious gloves.
Eye protection: Wear safety glasses with side shields (or goggles).
Skin and Body Protection: Lightweight protective clothing.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls: No special environmental precautions required.

Section 9: Physical and chemical properties
**General information**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>°C No data available</td>
</tr>
<tr>
<td>Melting point / melting range</td>
<td>°C No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>°C No data available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>°C No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient:</td>
<td>No data available</td>
</tr>
<tr>
<td>n-octanol/water</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>pH value</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**SECTION 10: Stability and reactivity**

**Stability**
Stable under normal conditions.

**Materials to avoid**
No dangerous reaction known under conditions of normal use.

**Possibility of hazardous reactions**
Hazardous reaction has not been reported

**Hazardous decomposition products**
None under normal use conditions.

**polymerization**
Hazardous polymerization does not occur.

**Conditions to avoid**
None under normal processing.

**SECTION 11: Toxicological information**

**Acute Toxicity**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 (oral, rat/mouse)</th>
<th>LD50 (dermal, rat/rabbit)</th>
<th>LC50 (inhalation, rat/mouse)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA(PEG)n</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
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**Principle Routes of Exposure**

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Revision date 02-Jun-2016
Product code 26126

www.thermofisher.com
Carcinogenic effects  None.
Mutagenic effects  None.
Reproductive toxicity  None.
Sensitization  None.

SECTION 12: Ecological information

Ecotoxicity  Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Mobility  No information available.
Biodegradation  No information available.
Bioaccumulation  No information available.

SECTION 13: Disposal considerations

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport information

IATA
Proper Shipping Name  No dangerous good in sense of these transport regulations
Hazard Class  None
Subsidiary class  None
Packing group  None
UN-No  None
Environmental hazards  None
SECTION 15: Regulatory information

<table>
<thead>
<tr>
<th>Component</th>
<th>US TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA(PEG)n</td>
<td>-</td>
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<tr>
<td>(98-100)</td>
<td></td>
</tr>
</tbody>
</table>

**US Federal Regulations**

**SARA 313**
This product is not regulated by SARA.

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**
This product does not contain HAPs.

**US State Regulations**

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

**WHMIS Hazard Class**
Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16: Other information

**Reason for revision**
SDS sections updated.

Use as laboratory reagent. Scientific research and development.

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE"

End of Safety Data Sheet