Section 1 Identification of the Substance/mixture and of the Company/undertaking

1.1 Product Identifier
   - **Product Name:** Gastroccult Developer
   - **Part Number:** 66115
   - **Series Name:** 66000 Series

1.2 Relevant identified uses of the substance or mixture and uses advised against
   - **Product Use:** For In Vitro Diagnostic Use. See product literature for details.

1.3 Details of the supplier of the safety data sheet
   - **Manufacturer:** Beckman Coulter, Inc.
     250 S. Kraemer Blvd
     Brea, CA 92821, U.S.A.
     Tel: 800-854-3633
   - **EC REP Address:** Beckman Coulter Eurocenter S.A.
     22, rue Juste-Oliver, Case Postale 1044,
     CH-1260 Nyon 1, Switzerland.
     Telephone +41 (0)22 365 36 11
     Monday through Friday, 9:00 am to 7:00pm)
   - **e-mail address:** SDSNT@beckman.com

1.4 Emergency telephone number
   - **Telephone number (24H):** Chemtrec Emergency Tel No. U.S.A. 800-424-9300, International (001) 703-527-3887

   **Distributor and Emergency Phone No.**
   Refer to attached list, Document ID: 472050, for local distributor and emergency phone numbers.

Section 2 Hazards Identification

2.1 Classification of substance or mixture
   - **Product Description:** Mixture
     - Colorless; Clear; Liquid; Alcohol odor
   - **Classification according to EC 1272/2008 (CLP/GHS):**
     - Flammable Liquids, Category 2
     - Acute Toxicity Oral, Category 4
     - Skin Irritation Category 2
     - Eye Damage Category 1
     - Specific Target Organ Toxicity Single Exposure Category 2
   - **Classification according to EC Directives 1999/45/EC and 67/548/EEC:**
     - Xn;R10-20/21/22-68/20/21/22
Section 2 Hazards Identification (Continued)

Classification according to US-OSHA (HCS 29 CFR 1910.1200) and UN GHS

- Flammable Liquids, Category 2
- Acute Toxicity Oral, Category 4
- Acute Toxicity Dermal, Category 5
- Skin Irritation Category 2
- Eye Damage Category 1
- Specific Target Organ Toxicity Single Exposure Category 2

2.2 Label Elements

According to EC 1272/2008 (CLP/GHS), US-OSHA and UN GHS

**Hazardous Ingredients**
- Citric Acid
- Hydrogen Peroxide
- octylphenoxypoly(ethoxyethanol)
- Ethanol-methanol mix

**Pictogram**

![Pictogram]

**Signal Word**
DANGER

**Hazard Statements**
- H225 Highly flammable liquid and vapour.
- H302 Harmful if swallowed.
- H313 May be harmful In contact with skin
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H371 May cause damage to organs.

**Precautionary Statements**
- P210 Keep away from heat, hot surfaces, and sparks. No smoking.
- P233 Keep container tightly closed.
- P240 Ground container and receiving equipment.
- P241 Use explosion-proof electrical equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharge.
- P270 Do no eat, drink or smoke when using this product.
- P280 Wear protective gloves, protective clothing and eye/face protection.
- P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P303+P361+P353 IF ON SKIN (or hair): Rinse skin with water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P311 If exposed or concerned: Call a doctor/physician.
- P310 Immediately call a POISON CENTER or doctor/physician.
Section 2 Hazards Identification (Continued)

P330 Rinse mouth.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before use.
P370+P378 In case of fire: Use water spray for extinction.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/national regulations

Product label will display most significant precautionary statements.

8.2% of product contains ingredients of unknown dermal toxicity.
3.4% of product contains ingredient of unknown Oral toxicity.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

See Section 11 Toxicological Information for more detailed health information.

Section 3 Composition and Information on Ingredients

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>% by wt.</th>
<th>EU-67/548/EEC</th>
<th>EU 1272/2008 CLP/GHS</th>
<th>GHS</th>
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<tr>
<td>Ethanol-methanol mix</td>
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<td>F;R11</td>
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<td>CAS # 8013-52-3</td>
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<td>Xn;R20/21/22-</td>
<td>Acute Tox. Oral 4</td>
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<tr>
<td>EINECS # Not available</td>
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<td>68/20/21/22</td>
<td>Flam. Liq. 2</td>
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<td></td>
<td>STOT SE 2</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>H225; H302; H312;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>H332; H371</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. Dermal 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. Inhal. 4</td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
<td>Acute Tox. Oral 4</td>
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<td>Flam. Liq. 2</td>
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<td>STOT SE 2</td>
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<td>H225; H302; H312;</td>
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<td></td>
<td></td>
<td>H332; H371</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citric Acid</td>
<td>1-5</td>
<td>Xi;R36</td>
<td>Eye Irrit. 2</td>
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<td>CAS # 77-92-9</td>
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<td></td>
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<td>Hydrogen Peroxide</td>
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<td>O;R5-8</td>
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<td>C;R35-20/22</td>
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<td>Eye Dam. 1</td>
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<td></td>
<td>Ox. Liq. 1</td>
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<td></td>
<td>STOT SE 3</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1A</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>H271; H302; H314;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>H318; H332; H335</td>
<td></td>
</tr>
<tr>
<td>Octylphenoxypoly(ethoxyethanol)</td>
<td>1-3</td>
<td>Xi;R37/38-41</td>
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</tr>
<tr>
<td>CAS # 9036-19-5</td>
<td></td>
<td></td>
<td>Eye Dam. 1</td>
<td></td>
</tr>
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<td>EINECS # Not available</td>
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<td></td>
<td>H318</td>
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</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 3 Composition and Information on Ingredients (Continued)

3 - Health hazard
8 - Present at concentration below the cut-off limits.

See section 8 for available Occupational exposure limits
See Section 15 for additional regulatory information
See Section 16 for hazard class, hazard statements and risk phrase description

Section 4 First Aid Measures

4.1 Description of first aid measures

Inhalation        If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.

Eye Contact      If product enters eyes, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open and obtain medical attention immediately.

Skin Contact     In case of skin contact, flush with copious amounts of water for at least 15 minutes. If pain or irritation occur, obtain medical attention.

Ingestion        If ingested, wash mouth out with water. If irritation or discomfort occurs, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.
May cause damage to organs.
May be harmful if swallowed
May be harmful in contact with skin
Causes serious eye damage.
Causes skin irritation.
See Section 11 Toxicological Information for more detailed health information.

4.3 Indication of any immediate medical attention and special treatment needed

If eye irritation persists: Get medical advice/attention.

Section 5 Fire Fighting Measures

5.1 Extinguishing Media

Dry chemical, carbon dioxide or alcohol resistant foam. Use water spray to cool containers exposed to fire.

5.2 Special hazards arising from the substance or mixture

Special Fire and Explosion Hazards

Vapors form explosive mixtures with air above flash point. Vapors are heavier than air; fire may flash from ignition source back along vapor trail.

Hazardous Combustion Products

No combustion products posing significant hazards are expected from this product (an aqueous solution).
Section 5 Fire Fighting Measures (Continued)

5.3 Advice for fire fighters
   Protective Equipment  
   Self-contained breathing apparatus is recommended for firefighters in all 
   chemical fire situations.

5.4 Additional information  
   No further relevant information available.

Section 6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
   Personal Precautions  
   Observe general safety guidelines for protection; avoid eye and skin contact. 
   Wear protective gloves, protective clothing and eye/face protection.

6.2 Environmental Precautions  
   Contain spill to prevent migration or evaporation. 
   Do not allow the undiluted product to enter sewers/surface or ground water. 
   Dispose of contents/container in accordance with local regulations.

6.3 Methods and material for containment and cleaning up
   Spill and Leak Procedures  
   Ventilate area. Remove all sources of ignition. Contain spill and collect with inert 
   absorbent and place in a suitable container for disposal. 
   Dispose of all waste material in accordance with local guidelines.

6.4 Reference to other sections  
   Refer sections 8 and 13.

Section 7 Handling and Storage

7.1 Precautions for safe handling  
   Use good laboratory procedures; avoid eye and skin contact.

7.2 Conditions for safe storage, including any incompatibilities 
   Store at 15 to 30°C, as directed on the product label. 
   To maintain product quality, store according to the instructions in the product 
   labeling. 
   Store away from strong acids, strong bases, strong oxidizers and incompatible 
   materials (section 10).

7.3 Specific end uses  
   No further relevant information available.

Section 8 Exposure Controls and Personal Protection

8.1 Control parameters
   Exposure Limits
   US OSHA  
   Hydrogen Peroxide  
   CAS # 7722-84-1  
   1 ppm TWA; 1.4 mg/m3 TWA

   ACGIH  
   Hydrogen Peroxide  
   CAS # 7722-84-1  
   1 ppm TWA
Section 8 Exposure Controls and Personal Protection (Continued)

DFG MAK
Hydrogen Peroxide  
CAS # 7722-84-1
0.5 ppm Peak; 0.71 mg/m3 Peak; 0.5 ppm TWA MAK; 0.71 mg/m3 TWA MAK

Ireland
Hydrogen Peroxide  
CAS # 7722-84-1
1 ppm TWA; 1.5 mg/m3 TWA; 2 ppm STEL; 3 mg/m3 STEL

IOELVs
None established

NIOSH
Hydrogen Peroxide  
CAS # 7722-84-1
75 ppm IDLH; 1 ppm TWA; 1.4 mg/m3 TWA

Japan
None established

8.2 Exposure controls
Engineering Controls
No special engineering controls are required. Use with good general ventilation.

Eye Protection
Safety glasses or chemical goggles should be worn to prevent eye contact. Refer U.S. OSHA 29 CFR 1910.133, European Standard EN166 or appropriate government standards.

Skin Protection
Impervious gloves, such as Nitrile or equivalent, should be worn to prevent skin contact. Refer U.S. OSHA 29 CFR 1910.138, European Standard EN374 or appropriate government standards.

Respiratory Protection
Under normal conditions, the use of this product should not require respiratory protection. If overexposure should occur and ventilation is not adequate to maintain airborne concentrations at acceptable levels, the use of respiratory protection should be evaluated by a qualified professional.

Section 9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
<th>Specific Gravity (Water=1.0)</th>
<th>0.90 @20°C</th>
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<tbody>
<tr>
<td>Color</td>
<td>Colorless</td>
<td>Solubility</td>
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<tr>
<td>Transparency</td>
<td>Clear</td>
<td>Water</td>
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<td>Odor</td>
<td>Alcohol odor</td>
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<td>pH</td>
<td>5-5.5</td>
<td>Partition coefficient: n-octanol/water</td>
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<td>Freezing Point</td>
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<td>Auto-ignition Temp.</td>
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<td>Boiling Point</td>
<td>&lt; 100°C (212°F)</td>
<td>Decomposition Temperature</td>
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<td>Flash Point</td>
<td>21°C (69.8°F)</td>
<td>Percent Volatiles</td>
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Section 9 Physical and Chemical Properties (Continued)

<table>
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<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Evaporation Rate</td>
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<td>Flammability (Solid, Gas)</td>
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</tr>
<tr>
<td>Flammability Limits</td>
<td>Not determined</td>
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<tr>
<td>Vapor Density</td>
<td>1.6 (air=1)</td>
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<tr>
<td>Odor Threshold</td>
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<tr>
<td>Vapor Pressure</td>
<td>18 mm Hg @19°C</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Explosive Properties</td>
<td>Not applicable</td>
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<tr>
<td>Oxidizing Properties</td>
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</tbody>
</table>

9.2 Other Information

No further relevant information available.

Section 10 Stability and Reactivity

10.1 Reactivity
No further relevant information available.

10.2 Chemical Stability
The product is stable in accordance with recommended storage conditions.

10.3 Possibility of hazardous reactions
Avoid exposure to heat and incompatible materials.

10.4 Conditions to Avoid
Avoid contact with incompatible materials.
Avoid exposure to heat and direct sunlight.

10.5 Incompatible materials
Oxidizing agents

10.6 Hazardous Decomposition Products
No decomposition products posing significant hazards would be expected from this product (an aqueous solution).

Section 11 Toxicological Information

11.1 Information on toxicological effects

Toxicity Data for Hazardous Ingredients

Hydrogen Peroxide
CAS # 7722-84-1
Inhalation LC50 Rat 2 mg/L 4 h; Oral LD50 Rat 801 mg/kg; Dermal LD50 Rat 4060 mg/kg; Dermal LD50 Rabbit 2000 mg/kg

octylphenoxypoly(ethoxyethanol)
CAS # 9036-19-5
Oral LD50 Rat 4190 mg/kg

Primary Routes of Exposure
Eye contact, ingestion, inhalation, and skin contact.

Skin Corrosion/Irritation
Causes skin irritation.

Serious eye damage/eye irritation
Contact may cause serious eye damage.

Respiratory/skin sensitization
No data available.

Carcinogenicity
This product does not contain a reportable concentration (≥ 0.1%) of any ingredient listed as carcinogen by ACGIH, IARC, NTP, OSHA or 1272/2008 EC regulation.

Germ cell mutagenicity
No data available.

Reproductive Toxicity
No data available.
Section 11 Toxicological Information (Continued)

Specific target organ toxicity – single exposure
May cause damage to organs.

Specific target organ toxicity – repeated exposure
No data available.

Aspiration hazard
No data available.

Other Information
May be harmful if swallowed
May be harmful in contact with skin

Section 12 Ecological Information

12.1 Ecotoxicity
Fresh Water Species
- Citric Acid
  CAS # 77-92-9
- Hydrogen Peroxide
  CAS # 7722-84-1
  96 h LC50 Lepomis macrochirus: 1516 mg/L [static]
  96 h LC50 Pimephales promelas: 16.4 mg/L; 96 h LC50 Lepomis macrochirus:
  18-56 mg/L [static]; 96 h LC50 Oncorhynchus mykiss: 10.0-32.0 mg/L [static]

Microtox
No information available.

Water Flea
- Hydrogen Peroxide
  CAS # 7722-84-1
  24 h EC50 Daphnia magna: 7.7 mg/L; 48 h EC50 Daphnia magna: 18 - 32
  mg/L [Static]

Fresh Water Algae
No information available.

12.2 Persistence and degradability
Not determined for the product.

12.3 Bioaccumulation
Not determined for the product.

12.4 Mobility in soil
Not determined for the product.

12.5 Results of PBT and vPvB assessment
Not determined for the product. PBT: Not applicable, vPvB: Not applicable.

12.6 Other Adverse Effects
No further relevant information available.

Section 13 Disposal Considerations

13.1 Waste treatment methods
Product Waste Disposal
Chemical residues and remains should be routinely handled as special waste. This
must be disposed of in compliance with anti-pollution and other laws of the country
concerned. To ensure compliance we recommend that you contact the relevant
(local) authorities and/or an approved waste-disposal company for information.

Package disposal
Dispose of waste product, unused product and contaminated packaging in
compliance with federal, state and local regulations. If unsure of the applicable
requirements, contact the authorities for information.

13.2 Additional information
Suggested European waste catalogue 18 01 06" - chemicals consisting of or
containing dangerous substances. Dispose in accordance with national, state
and local waste regulations.
**Section 14 Transport Information**

<table>
<thead>
<tr>
<th>Shipping Information</th>
<th>IATA</th>
<th>IMDG</th>
<th>US DOT</th>
<th>European ADR</th>
<th>Canadian TDG</th>
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</thead>
<tbody>
<tr>
<td>14.2 Shipping Name</td>
<td>Alcohols, n.o.s. (Ethanol methanol solution)</td>
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<td>14.3 Hazard Class</td>
<td>3 Flammable Liquids</td>
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<td>3 Flammable Liquids</td>
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<tr>
<td>Subsidiary Risk</td>
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<td>14.4 Packing Group</td>
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<td>274</td>
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<td>None</td>
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**Additional information**

- IATA ERG Code: 3L, Not applicable, Not applicable, Not applicable, Not applicable
- EmS: Not applicable, F-E, S-D, Not applicable, Not applicable, Not applicable
- NAERG Code: Not applicable, Not applicable, 127, Not applicable, 127

**14.5 Environmental Hazards**

- Marine Pollutant: Not applicable, No, Not applicable, Not applicable, Not applicable

**14.6 Special Precautions for user**

Warning: Flammable liquid.

**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**

**US Federal and State Regulations**

- **SARA 313**
  - Ethylene Oxide is subject to reporting requirements of Section 313, Title III of SARA. 0.1 % de minimis concentration
  - 1,4-Dioxane is subject to reporting requirements of Section 313, Title III of SARA. 0.1 % de minimis concentration

- **CERCLA RG’s, 40 CFR 302.4**
  - Ethylene Oxide is listed.
  - 1,4-Dioxane is listed.
Section 15 Regulatory Information (Continued)

California Proposition 65

Ethylene Oxide has been identified by the State of California to cause cancer and reproductive harm. The State of California has adopted a regulation which requires a warning be given to individual who may be exposed to chemicals identified by the State to cause cancer or reproductive harm.

**WARNING:** This product contains a chemical known to the State of California to cause cancer or reproductive harm.

1,4-Dioxane has been identified by the State of California to cause cancer. The State of California has adopted a regulation which requires a warning be given to individual who may be exposed to chemicals identified by the State to cause cancer or reproductive harm.

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

Massachusetts MSL

Ethylene Oxide is listed.

1,4-Dioxane is listed.

Hydrogen Peroxide is listed.

New Jersey Dept. of Health RTK List

Ethylene Oxide is listed.

1,4-Dioxane is listed.

Hydrogen Peroxide is listed.

Pennsylvania RTK

Ethylene Oxide is listed.

1,4-Dioxane is listed.

Hydrogen Peroxide is listed.

EU Regulations

This SDS complies with EC Regulations 1907/2006 (REACH) and amendments.

Water Hazard Class (Germany)  

WGK 1, low water endangering

REACH 1907/2006 EC - Annex XIV - list of substances subject to authorization.

No ingredients listed.

According to EC Directives (1999/45/EC and 67/548 EEC)

**Harmful**

- Xn

**Risk and Safety Phrases**

- R10  Flammable.
- R20/21/22  Harmful by inhalation, in contact with skin and if swallowed.
- R68/20/21/22  Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
- S16  Keep away from sources of ignition - No smoking.
- S36/37  Wear suitable protective clothing and gloves.
- S7  Keep container tightly closed.

Canada

This product is exempt from WHMIS label and SDS requirements.

**PIN**

1987
Section 15 Regulatory Information (Continued)

Ingredients on Ingredient Disclosure List

- Ethylene Oxide
- Citric Acid
- 1,4-Dioxane
- Hydrogen Peroxide
- octylphenoxypoly(ethoxyethanol)

Ingredients with unknown toxicological properties

Product is exempt

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

Some hazardous ingredients listed in Section 15 are below OSHAs and WHMIS’ 1.0% w/w (0.1% for carcinogens) or EU’s ingredient specific concentrations required for reporting in Section 3.

Section 16 Other Information

Beckman Coulter Safety Rating

<table>
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<tr>
<th>Flammability: 3</th>
<th>Code</th>
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<tr>
<td>Health: 2</td>
<td>0=None</td>
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<tr>
<td>Reactivity with Water: 2</td>
<td>1=Slight</td>
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<tr>
<td>Contact: 2</td>
<td>2=Caution</td>
</tr>
<tr>
<td></td>
<td>3=Severe</td>
</tr>
</tbody>
</table>

Revision Changes

Updated to GHS.

Hazard Class, hazard statements and risk phrase description from section 3

- C - Corrosive
- F - Highly flammable
- O - Oxidising
- Xi - Irritant
- Xn - Harmful
- R11 Highly flammable.
- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
- R35 Causes severe burns.
- R20/22 Harmful by inhalation and if swallowed.
- R36 Irritating to eyes.
- R37/38 Irritating to respiratory system and skin.
- R41 Risk of serious damage to eyes.
- R5 Heating may cause an explosion.
- R8 Contact with combustible material may cause fire.
- Acute Tox. Dermal 4 - Acute Toxicity Dermal, Category 4
- Acute Tox. Inhal. 4 - Acute Toxicity Inhalation, Category 4
- Acute Tox. Oral 4 - Acute Toxicity Oral, Category 4
- Acute Tox. Oral 5 - Acute Toxicity Oral, Category 5
- Eye Dam. 1 - Eye Damage Category 1
- Eye Irrit. 2 - Eye Irritation Category 2
- Flam. Liq. 2 - Flammable Liquids, Category 2
Section 16 Other Information (Continued)

Ox. Liq. 1 - Oxidizing Liquids Category 1  
Skin Corr. 1A - Skin Corrosion Category 1A  
STOT SE 2 - Specific Target Organ Toxicity Single Exposure Category 2  
STOT SE 3 - Specific Target Organ Toxicity Single Exposure Category 3  
H225 - Highly flammable liquid and vapour.  
H271 - May cause fire or explosion; strong oxidiser.  
H302 - Harmful if swallowed.  
H303 - May be harmful if swallowed  
H312 - Harmful in contact with skin.  
H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.  
H319 - Causes serious eye irritation.  
H332 - Harmful if inhaled.  
H335 - May cause respiratory irritation.  
H371 - May cause damage to organs.

Abbreviations and Acronyms

ACGIH - American Conference of Governmental Industrial Hygienists  
ADR - European Agreement Concerning The International Carriage Of Dangerous Goods By Road  
CERCLA - The Comprehensive Environmental Response, Compensation, and Liability Act  
CLP - Classification, Labeling and Packaging  
DFGMAK - Republic Germany’s maximum exposure limit  
GHS - Globally Harmonized System  
HCS - Hazard Communication Standard  
IARC - International Agency for Research on Cancer  
IATA - International Air Transport Association  
ICAO - International Civil Aviation Organization  
IMDG - International Maritime Dangerous Goods  
IOELVs - European Unions’ Indicative Occupational Exposure Limit Values  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration  
PBT - Persistent bioaccumulative and toxic substances  
SARA - Superfund Amendments and Reauthorization Act  
TDG - Canadian Transportation Of Dangerous Goods Regulations.  
UN GHS - United Nations Globally Harmonized System  
US DOT - United States Department of Transportation  
WHMIS - Workplace Hazardous Material Information System  
vPvB - Very persistent and very bioaccumulative substances  
LC50 - Lethal Concentration, 50%  
LD50 - Lethal Dose, 50%
Section 16 Other Information (Continued)

EC50 - Effective Concentration, 50%

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