SAFETY DATA SHEET
according to Regulation (EC) No. 453/2010
Dental Use

Reflection Bleaching Gel 10% CP

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

1.1. Product identifier

Product code : QY/71007
Product name : Reflection Bleaching Gel 10% CP P Mint
Product description : Bleaching Gel

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

Relevant identified uses : Professional Dental Teeth Whitening Gel

1.3. Details of the supplier of the safety data sheet

Manufacturer
Distributor

1.4. Emergency telephone number

CHEMTREC (NORTH AMERICA) : (800) 424 - 9300
(INTERNATIONAL) : +1(703) 527 - 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

: The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.
This material is not considered hazardous to health.

Classification according to Regulation (EC) No 1272/2008 [CLP]

Health : Not Classified

2.2. Label elements

Classification according to Directive 1999/45/EC : This material is not considered to be hazardous for the health.

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard statement(s) : 85279NFY: This Material Is Not Considered Hazardous To Health.
Precautionary statement(s)
Response : P305: IF IN EYES:
P351: Rinse cautiously with water for several minutes.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
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Storage : P273: Avoid release to the environment.

2.3. Other hazards
Immediate concerns : Not Applicable

SECTION 3: Composition / information on ingredients

3.1. Substances
Not Applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
<th>EINECS No.</th>
<th>Wt.%</th>
<th>Classification according to Directive 67/548/EEC</th>
<th>Classification according to Regulation (EC) No 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbamide Peroxide</td>
<td>000124-43-6</td>
<td>204-701-4</td>
<td>&lt; 11</td>
<td>Xi; R36</td>
<td>Skin Corr., Cat. 1B; Oxid. Sol., Cat. 3; H272; H314</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>215-185-5</td>
<td>&lt; 3</td>
<td>C; R34</td>
<td>Skin Corr., Cat. 1A; H314</td>
</tr>
<tr>
<td>Potassium Nitrate</td>
<td>7757-79-1</td>
<td>231-818-8</td>
<td>&lt; 5</td>
<td>O, Xi; R36/37/38; R22</td>
<td>Oxid. Sol., Cat. 2; Skin Irr., Cat. 2; Eye Irr., Cat. 2; H272; H315; H319</td>
</tr>
</tbody>
</table>

For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eyes : Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Following skin : Wash with soap and water. Get medical attention if irritation develops or persists.

Following ingestion : If swallowed in small quantity the product is harmless, otherwise consult a doctor.

Following inhalation : No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or
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fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

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

Eyes : May be mildly irritating to eyes.
Skin : May cause slight irritation.
Ingestion : May be harmful if swallowed in large quantities.
Inhalation : None expected for this product.

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

Notes to physician : Not Applicable

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Extinguishing media : Please see Fire Fighting Equipment under Section 5.3.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products : None known.
Explosion hazards : Not Determined
Fire explosion : Not Determined
Sensitive to static discharge : Not Determined
Sensitivity to impact : Not Determined

5.3. Advice for firefighters

Fire fighting procedures : General: Evacuate all personnel; use protective equipment for firefighting. Use self-contained breathing apparatus when the product is involved in fire.
Fire fighting equipment : Water spray only.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General procedures : Refer to Section 8 for Personal Protective Equipment.

6.2. Environmental precautions

Water spill : Do not allow to enter sewers or drains that may lead to waterways.

6.3. Methods and material for containment and cleaning up

Small spill : Wipe up with cloth, soap and water.
Large spill : Absorb with inert, damp non-combustible material, then flush area with water.

6.4. Reference to other sections

Reference to other sections : Not Applicable

SECTION 7: Handling and storage
Reflection Bleaching Gel 10% CP

7.1. Precautions for safe handling
General procedures : Avoid contact with eyes, skin and clothing.
Handling : Use suitable protective equipment.
Storage : See product labeling.

7.2. Conditions for safe storage, including any incompatibilities
Shelf life : See product labeling

7.3. Specific end use(s)
Specific end use(s) : Professional Dental Teeth Whitening Gel

SECTION 8: Exposure controls / personal protection

8.1. Control parameters
Control parameters : Not Determined

8.2. Exposure controls
Eye/face protection : Wear eye protection
Skin protection : Wear suitable protective clothing and gloves.
Respiratory protection : Good general ventilation should be sufficient to control airborne levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state : Gel
Colour : Colorless
Odour : Mint
pH : 6.0 to 7.5

9.2. Other information
Percent volatile : Not Determined

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity : Stable

10.2. Chemical stability
Chemical stability : Stable when stored and handled under recommended conditions.

10.3. Possibility of hazardous reactions
Hazardous polymerization : None

10.4. Conditions to avoid
Conditions to avoid : Avoid strong bases, Metals. Excess heat, exposure to moist air or water.
Reflection Bleaching Gel 10% CP

### 10.5. Incompatible materials

**Incompatible materials**: Strong caustics, most metals.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**: None known.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute Notes**: Device is biocompatible when used as directed by dental professionals per ISO 10993-1.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

**Toxicity**: Not Determined

#### 12.2. Persistence and degradability

**Persistence and degradability**: Not Determined

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential**: Not Determined

#### 12.4. Mobility in soil

**Mobility in soil**: Not Determined

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment**: Not Determined

#### 12.6. Other adverse effects

**Environmental data**: Not defined

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods


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### SECTION 14: Transport information

#### 14.1. UN number

**UN number**: N/A

#### 14.2. UN proper shipping name

**UN proper shipping name**: Not Dangerous Goods

#### 14.3. Transport hazard class(es)
### Reflection Bleaching Gel 10% CP

<table>
<thead>
<tr>
<th>Hazard classification</th>
<th>: N/A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>14.4. Packing group</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group</td>
<td>: N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.5. Environmental hazards</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine pollutant #1</td>
<td>: N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.6. Special precautions for user</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR - road</td>
<td>: Not Dangerous Goods</td>
</tr>
<tr>
<td>RID - rail</td>
<td>: Not Dangerous Goods</td>
</tr>
<tr>
<td>IMDG - sea</td>
<td>: Not Dangerous Goods</td>
</tr>
<tr>
<td>IATA - air</td>
<td>: Not Dangerous Goods</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport in bulk</td>
<td>: Not Dangerous Goods</td>
</tr>
</tbody>
</table>

### SECTION 15: Regulatory information

<table>
<thead>
<tr>
<th>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RoHS</td>
<td>: Please refer to Regulation 1223/2009 on Cosmetics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>15.2. Chemical safety assessment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical safety assessment</td>
<td>: See Section 11</td>
</tr>
<tr>
<td>Additional information</td>
<td>: This product is not considered dangerous for transportation</td>
</tr>
</tbody>
</table>

### SECTION 16: Other information

<table>
<thead>
<tr>
<th>Relevant R-phrases and/or H-statements (number and full text)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>R22: Harmful if swallowed.</td>
<td></td>
</tr>
<tr>
<td>R34: Causes burns.</td>
<td></td>
</tr>
<tr>
<td>R36/37/38: Irritating to eyes, respiratory system and skin.</td>
<td></td>
</tr>
<tr>
<td>R36: Irritating to eyes.</td>
<td></td>
</tr>
<tr>
<td>Eye Irr., Cat. 2: Eye Irritation, Category 2</td>
<td></td>
</tr>
<tr>
<td>Oxid. Sol., Cat. 2: Oxidizing Solids, Category 2</td>
<td></td>
</tr>
<tr>
<td>Oxid. Sol., Cat. 3: Oxidizing Solids, Category 3</td>
<td></td>
</tr>
<tr>
<td>Skin Corr., Cat. 1A: Skin Corrosion, Category 1A</td>
<td></td>
</tr>
<tr>
<td>Skin Corr., Cat. 1B: Skin Corrosion, Category 1B</td>
<td></td>
</tr>
<tr>
<td>Skin Irr., Cat. 2: Skin Irritation, Category 2</td>
<td></td>
</tr>
<tr>
<td>H272: May intensify fire; oxidizer.</td>
<td></td>
</tr>
<tr>
<td>H314: Causes severe skin burns and eye damage.</td>
<td></td>
</tr>
<tr>
<td>H315: Causes skin irritation.</td>
<td></td>
</tr>
<tr>
<td>H319: Causes serious eye irritation.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prepared by</th>
<th>: Anu Kattoju</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision summary</td>
<td>: This SDS replaces the 08/26/2014 SDS. Revised: <strong>Section 1</strong>: 24 HR. EMERGENCY TELEPHONE NUMBERS, PREPARED BY. <strong>Section 2</strong>: <strong>Section 8</strong>: PERSONAL PROTECTIVE EQUIPMENT - SKIN. <strong>Section 10</strong>: HAZARDOUS POLYMERIZATION, STABLE. <strong>Section 11</strong>: ACUTE (</td>
</tr>
</tbody>
</table>
**SAFETY DATA SHEET**  
according to Regulation (EC) No. 453/2010  
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**Reflection Bleaching Gel 10% CP**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORAL LD&lt;sub&gt;50&lt;/sub&gt; (rat), INHALATION LC&lt;sub&gt;50&lt;/sub&gt; (rat) ACUTE</td>
<td>Section 14:</td>
</tr>
<tr>
<td></td>
<td>Section 15: COMMENTS, SECTION 15: Regulatory information. Section 16: Revision Summary, GENERAL STATEMENTS.</td>
</tr>
</tbody>
</table>

**General statements**  
N/A= Not Applicable

**Additional SDS information**  
Revision #:1

**Manufacturer disclaimer**  
FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.