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

Reflection Bleaching Gel 16-22% CP P HV, Mint or

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

1.1. Product identifier
Product code : HV/71042, HW/71043, QU/15096
Product name : Reflection Bleaching Gel 16-22% CP P HV, Mint or Regular
Product description : Dental Teeth 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.

Danger symbols : Xi
R phrases : R36/38

Classification according to Regulation (EC) No 1272/2008 [CLP]
Health : Eye Irritation, Category 2
Skin Irritation, Category 2

2.2. Label elements
Classification according to Directive 1999/45/EC
Hazard pictogram(s) : Xi

R&S statement(s) : R36/38: Irritating to eyes and skin.

Classification according to Regulation (EC) No 1272/2008 [CLP]
Hazard pictogram(s) :
Reflection Bleaching Gel 16-22% CP P HV, Mint or

Hazard pictogram(s):

Exclamation mark

Signal Word: WARNING

Hazard statement(s):
H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary statement(s)
Storage: P273: Avoid release to the environment.

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; 24</td>
<td>Xi; R36</td>
<td>Skin Corr.,Cat. 1B; Oxid. Sol.,Cat. 3; H272; H314</td>
</tr>
<tr>
<td>Potassium Nitrate</td>
<td>7757-79-1</td>
<td>231-818-8</td>
<td>3</td>
<td>O, Xi; R36/37/38; R22</td>
<td>Oxid. Sol.,Cat. 2; H272</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>215-185-5</td>
<td>&lt; 5</td>
<td>C; R34</td>
<td>Skin Corr.,Cat. 1A; H314</td>
</tr>
<tr>
<td>Poly Acrylic acid</td>
<td>9003-01-4</td>
<td>N/A</td>
<td>&lt; 10</td>
<td>Xi; R36/37/38</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET
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For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>Following eyes</th>
<th>Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Following skin</td>
<td>Wash with soap and water. Get medical attention if irritation develops or persists.</td>
</tr>
<tr>
<td>Following ingestion</td>
<td>If swallowed in small quantity the product is harmless, otherwise consult a doctor.</td>
</tr>
<tr>
<td>Following inhalation</td>
<td>No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Irritating to eyes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>May cause skin irritation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed in large quantities.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>None expected for this product.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Hazardous combustion products</th>
<th>None known.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosion hazards</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Fire explosion</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Sensitive to static discharge</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Sensitivity to impact</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

5.3. Advice for firefighters

<table>
<thead>
<tr>
<th>Fire fighting procedures</th>
<th>General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire fighting equipment</td>
<td>Water spray only.</td>
</tr>
</tbody>
</table>

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
SAFETY DATA SHEET
according to Regulation (EC) No. 453/2010
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Reflection Bleaching Gel 16-22% CP P HV, Mint or

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

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 : Odorless or Minty
pH : 6.0 to 7.5
Solubility in water : Partially Soluble

9.2. Other information

Percent volatile : Not Determined

SECTION 10: Stability and reactivity
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Reflection Bleaching Gel 16-22% CP P HV, Mint or

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.

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

10.6. Hazardous decomposition products
Hazardous decomposition products : None known.

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.

SECTION 12: Ecological information

12.1. Toxicity
Toxicity : Not Determined
Aquatic toxicity (acute)
96-hour LC50 : Not Determined
48-hour EC50 : Not Determined
96-hour EC50 : 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 : Not Determined
SAFETY DATA SHEET
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Dental Use

Date Issued: 05/20/2008
SDS No: 224-001.4
Date Revised: 05/26/2015
Revision No: 3

Reflection Bleaching Gel 16-22% CP P HV, Mint or Regular

vPvB assessment

12.6. Other adverse effects
Environmental data: Not Available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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)
Hazard classification: Not Applicable

14.4. Packing group
Packing group: N/A

14.5. Environmental hazards
Marine pollutant #1: N/A

14.6. Special precautions for user
ADR - road: Not Dangerous Goods
RID - rail: Not Dangerous Goods
IMDG - sea: Not Dangerous Goods
IATA - air: Not Dangerous Goods

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Transport in bulk: Not Dangerous Goods

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
RoHS: Please refer to Regulation 1223/2009 on Cosmetics

15.2. Chemical safety assessment
Chemical safety assessment: See Section 11
Additional information: This product is not considered dangerous for transportation

SECTION 16: Other information

Relevant R-phrases and/or H-statements (number and full)
R22: Harmful if swallowed.
R34: Causes burns.
R36/37/38: Irritating to eyes, respiratory system and skin.
Reflection Bleaching Gel 16-22% CP P HV, Mint or Regular

- R36: Irritating to eyes.
- Oxid. Sol., Cat. 2: Oxidizing Solids, Category 2
- Oxid. Sol., Cat. 3: Oxidizing Solids, Category 3
- Skin Corr., Cat. 1A: Skin Corrosion, Category 1A
- Skin Corr., Cat. 1B: Skin Corrosion, Category 1B
- H272: May intensify fire; oxidizer.
- H314: Causes severe skin burns and eye damage.

Prepared by: Anu Kattoju

Revision summary: This SDS replaces the 11/17/2014 SDS. Revised: Section 1: Section 2: Section 4: NOTES TO PHYSICIAN. Section 8: PERSONAL PROTECTIVE EQUIPMENT - SKIN. Section 10: HAZARDOUS POLYMERIZATION, STABLE. Section 11: ACUTE (ORAL LD₅₀ (rat), INHALATION LC₅₀ (rat) ACUTE. Section 14: VESSEL (IMO/IMDG) - MARINE POLLUTANT #1. Section 15: SECTION 15: Regulatory information. Section 16: GENERAL STATEMENTS.

General statements: N/A= Not Applicable

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.