

SECTION 1: IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier: Whiteness Perfect 10%, 16% and 22%.

1.2 Recommended use and restrictions on use: Dental bleaching gel for vital teeth.

1.3 Supplier's details: Dentscare Ltda, Avenida Edgar Nelson Meister, 474, Joinville, Brasil.

1.4 Emergency telephone number: xx55 47 3441 6100

SECTION 2: HAZARD IDENTIFICATION

2.1 Hazard classification: Irritant (16% and 22%).

Carbamide Peroxide is not listed in the annex of directive 67/548/EEC. For the purposes of Risk classification equivalent contents of Hydrogen Peroxide (3 to 7%) were used). The classification foreseen for products containing Hydrogen Peroxide between 5% and 8% is Xi, R36. The contents of Sodium Fluoride are rather low and do not add risks to the product.

2.2 Label elements: Professional use only.



Irritant

2.3 Other hazards: Not Applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterization: Mixture.

INGREDIENT:	CAS N. A:	CLASSIFICATION:	% CONCENTRATION:
Carbamide Peroxide	124-43-6	-----	10-22%
Potassium Nitrate	7757-79-1	-----	3%
Sodium Fluoride	007681-49-4	T; R 23/25	0,20%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

4.1.2 Skin contact: Wash with water and soap. Seek medical assistance if the irritation develops or persists.

4.1.3 Eye contact: Immediately wash the eyes with water for at least 15 minutes. Get immediate medical attention.

4.1.4 Ingestion: If swallowed, do not induce vomiting. Give the victim water or milk. Seek medical assistance immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed: No data available.

4.3 Indication of any immediate medical attention and special treatment required: No data available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media: No data available.

5.2 Special hazards arising from the substance or mixture: No data available.

5.3 Special protective actions for fire-fighters: No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions: Non-defined.

6.3 Methods and material for containment and cleaning up: Wash with water and soap.

6.4 Reference to other sections: Non-defined.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling: Handle the product according to the instructions for use. Maintain the packaging closed when it is not being used.

7.2 Conditions for safe storage including any incompatibilities: Store the product at 5°-25°C/ 41°- 77°F. Do not freeze the product. Keep it out of direct sunlight.

7.3 Specific end use(s): The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters: Not Applicable.

8.2 Exposure controls

8.2.1 Eye/face protection: Wear a mask and goggles.

8.2.2 Skin protection – hand protection: Wear protective gloves.

8.2.3 Skin protection - other: Wear protective clothes.

8.2.4 Respiratory protection: Not required.

8.2.5 Thermal hazards: Not required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) **Appearance (form and colour):** Colourless gel.

b) **Smell:** Odourless, without a characteristic odour.

c) **Odour threshold:** No data available.

d) **pH:** 6-7.

e) **Melting point/Melting range:** No data available.

- f) **Boiling point/Boiling range:** No data available.
- g) **Flash point:** No data available.
- h) **Evaporation rate:** No data available.
- i) **Flammability (solid, gaseous):** No data available.
- j) **Lower/upper explosion limit:** No data available.
- k) **Vapor pressure:** No data available.
- l) **Vapor density:** No data available.
- m) **Relative density:** No data available.
- n) **Solubility (s):** No data available.
- o) **Partition coefficient: n-octanol/water:** No data available.
- p) **Autoignition temperature:** No data available.
- q) **Decomposition temperature:** No data available.
- r) **Viscosity:** No data available.
- s) **Explosive properties:** Not Applicable.
- t) **Oxidising properties:** Not Applicable.

9.2 **Other information:** Not Applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1 **Reactivity:** Not Applicable.

10.2 **Chemical stability:** Stable when stored and handled according to the manufacturer's recommendations. Decomposes with evolution of Oxygen at temperatures above 176 °F.

10.3 **Possibility of hazardous reactions:** Not Applicable.

10.4 **Conditions to avoid:** Avoid contact with strong bases, metals and their salts, prolonged exposure to sunlight and excessive heat.

10.5 **Incompatible materials:** Not Applicable.

10.6 **Hazards decomposition products:** Decomposes with evolution of Oxygen at temperatures above 176 °F. It can release toxic and corrosive fumes if exposed to high temperatures (pyrolysis).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 **Acute toxicity:** Not Applicable.

11.1.2 **Irritation:** The product may be irritant in case of prolonged contact with soft tissues.

11.1.3 **Corrosion:** Not Applicable.

11.1.4 **Sensitization:** May be sensitizing.

11.1.5 **Repeated dose:** Not Applicable.

11.1.6 **Carcinogenicity:** Negative Carcinogenicity according to IUCLID and NTP.

11.1.7 **Mutagenicity:** Not Applicable.

11.1.8 Reproductive toxicity: Not Applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: Not defined.

12.2 Persistence and degradability: Not defined.

12.3 Bioaccumulative potential: Not defined.

12.4 Mobility in soil: Not defined.

12.5 Results of PBT and vPvB assessment: Not defined.

12.6 Other adverse effects: Not defined.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: In accordance with the governmental regulations of your country.

SECTION 14: TRANSPORT INFORMATION

14.1 UN-Number: Not Applicable.

14.2 UN proper shipping name: Not Applicable.

14.3 Transport hazard class(es): Not Applicable.

14.4 Packing group: Not Applicable.

14.5 Environmental hazards: Not Applicable.

14.6 Special precautions for user: Not Applicable.

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

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: These Material Safety Data were prepared according to Regulation (EC) N° 453/2010.

15.2 Chemical Safety Assessment: Not Applicable.

SECTION 16: OTHER INFORMATION

The information and recommendations are based on the MSDS and information of the raw material manufacturers.

Dentscare Ltda CNPJ 05.106.945/000106, is not responsible for the accuracy of this information or the need for additional information.