

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

**1.1 Product Identifier:** Desensibilize.

**1.2 Recommended use and restrictions on use:** Dental desensitizing.

**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:** Not a dangerous preparation.

**2.2 Label elements:** Professional use only.

**2.3 Other hazards:** Ingestion of large doses of Potassium Nitrate can cause gastroenteritis and ingestion of small doses in the long term can cause anaemia, methemoglobinemia and nephritis.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Chemical characterization:** Mixture.

INGREDIENT:	CAS N. A:	CLASSIFICATION:	% CONCENTRATION:
Potassium nitrate	7757-79-1	Xi; R36/38	5%
Strontium chloride	10476-85-4	-----	10%

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

**4.1.1 Inhalation:** Not relevant unlikely route of exposure.

**4.1.2 Skin contact:** Wash with soap and water abundantly. If symptoms persist, seek medical assistance.

**4.1.3 Eye contact:** Rinse the open eye for several minutes in running water. Seek medical assistance if any irritating effect appears.

**4.1.4 Ingestion:** Seek medical assistance if any symptom appears, taking the information of this product with you.

**4.2 Most important symptoms and effects, both acute and delayed:** Not expected to present a significant hazard under anticipated conditions of normal use.

**4.3 Indication of any immediate medical attention and special treatment required:** Not applicable.

**SECTION 5: FIRE-FIGHTING MEASURES**

**5.1 Suitable extinguishing media:** Non-defined.

**5.2 Special hazards arising from the substance or mixture:** Non-defined.

**5.3 Special protective actions for fire-fighters:** Non-defined.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures:** Non-defined.

**6.2 Environmental precautions:** Not specified.

**6.3 Methods and material for containment and cleaning up:** Clean with water and a cloth.

**6.4 Reference to other sections:** Non-defined.

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling:** Avoid contact with the eyes. Avoid ingesting the product.

**7.2 Conditions for safe storage including any incompatibilities:** Keep the product in its original packaging always well close. Store the product at 5-30°C/ 41°F- 86 °F. Do not freeze the product. Protect it from 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:** Utilize goggles.

**8.2.2 Skin protection – hand protection:** Rubber gloves.

**8.2.3 Skin protection - other:** Jacket.

**8.2.4 Respiratory protection:** No specific recommendations.

**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):** Viscous solution.

b) **Smell:** Slight odour of Aniseed.

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

d) **pH:** No applicable.

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

f) **Boiling point/Boiling range:** Not applicable.

g) **Flash point:** Not Applicable.

h) **Evaporation rate:** Not Applicable.

i) **Flammability (solid, gaseous):** No data available.

j) **Lower/upper explosion limit:** No data available.

k) **Vapor pressure:** Not Applicable.

l) **Vapor density:** Not Applicable.

m) **Relative density:** No data available.

n) **Solubility (s):** Soluble.

- o) Partition coefficient: n-octanol/water:** Not Applicable.
- p) Autoignition temperature:** Not Applicable.
- q) Decomposition temperature:** Not Applicable.
- 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 product in normal storage conditions.

**10.3 Possibility of hazardous reactions:** None.

**10.4 Conditions to avoid:** Avoid high temperatures (> 212 °F).

**10.5 Incompatible materials:** Not Applicable.

**10.6 Hazards decomposition products:** It can release toxic fumes (CO and CO<sub>2</sub>) if heated at high temperatures (pyrolysis).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**11.1.1 Acute toxicity:** Ingestion of large amounts of Potassium Nitrate may cause gastric effects. Chronic ingestion of Potassium Nitrate may cause anaemia, methemoglobinemia and nephritis.

**11.1.2 Irritation:** May be irritating to eyes and skin on contact or with prolonged exposure.

**11.1.3 Corrosion:** No Data available.

**11.1.4 Sensitization:** The product is not aggressive when in contact with intact and healthy tissues. Accidental contact with the product should not cause problems.

**11.1.5 Repeated dose:** Not Applicable.

**11.1.6 Carcinogenicity:** Not Applicable.

**11.1.8 Mutagenicity:** Not Applicable.

**11.1.7 Reproductive toxicity:** Not Applicable.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Toxicity:** No data available.

**12.2 Persistence and degradability:** No data available.

**12.3 Bioaccumulative potential:** No data available.

**12.4 Mobility in soil:** No data available.

**12.5 Results of PBT and vPvB assessment:** No data available.

**12.6 Other adverse effects:** No data available.

## 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 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:** 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.