

Swiss MediTec



Safety data sheet

(REACH regulation (EC) no. 1907/2006 - n° 453/2010)

Revision: 05.11.2015

Product name: **Medi-Cal-II - Art.Nr. 10010****Section 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name: Medi-Cal

Article number: 10010 (25 ml Gel)

CAS Number: CAS: 1305-62-0

EC number: 215-137-3

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

Dental disinfectant, temporary cement, For dental professionals only

1.3 Details of the supplier of the safety data sheetManufacturer/Supplier: **Swiss MediTec**,

POB 513, 6162 Finsterwald; Switzerland

Tel. (+)41 56 624 02 37

www.swiss-meditec.ch,

info@swiss-meditec.ch**1.4 Emergency telephone number: (+) 41 79 482 32 98**

Organization

Section 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Skin irritation (Category 2), H315

Serious eye damage (Category 1), H318

Specific target organ toxicity -single exposure (Category 3), Respiratory system, H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Xi Irritant R37/38, R41

For the full text of the R-phrases mentioned in this Section, see Section 16

2.2 Label elements

Labelling according to Regulatory (EC) No 1272/2008

Pictogram



GHS05 GHS07

Danger

Hazard statement(s)

H315 Causes skin irritation

H318 Causes serious eye damage.

Precautionary statement(s)

P261 Avoid breathing dust.

P280 Wear protective gloves/ eye protection/ face protection.

P305 + P351 + P338 If in eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard

Statements none

2.3 Other hazards none

Section 3-Composition/information on ingredients**3.1 Chemical characterization: Substances**Formula: Ca(OH)₂

Product name.Medi-Cal-II. Art.Nr. 10010

Molecular Weight: 74,09 g/mol
 CAS-No.: 1305-62-0
 EC-No.: 215-137-3

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Calciumd hydroxide CAS-No. 1305-62-0 EC-No. 215-137-3	Skin Irrit.2 Eye Dam.1 STOT SE3; H315, H318, H335	<80 %

Hazardous ingredients according to Directive 1999/45/EC

Component	Classification	Concentration
CAS-No. 1305-62-0 EC-No. 215-137-3	Xi, R37/38 -R41	<80%

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

Section 4:First aid measures**4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed no data available**Section 5:Firefighting measures****5.1 Extinguishing media****5.1.1 Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Calcium oxide

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

Section 6:Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
 For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

Product name.Medi-Cal- II , Art.Nr. 10010**Section7:Handling and storage****7.1 Precautions for safe handling**

Avoid contact with skin and eye.
Always wash hands after handling.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place.Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

Dental disinfectant,temporary cement,For dental professionals only.

Section 8:Exposure controls/personal protection**8.1 Control parameters**

Components with workplace control parameters

8.2 Exposure controls**Personal protection measures,such as a personal protective equipment.**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Protective gloves**

The glove material has to be impermeable and resistant to the product.

Body Protection

impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator.For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information**

Appearance:	Form: Gel
Colour:	Grey/white
Odour:	Characteristic
pH-value at 20°C:	12.5
Boiling point/Boiling range:	around 100 °C(water based)
Flash point:	Not applicable.
Ignition temperature:	Decomposition temperature: Not determined.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Density at 20°C:	more than 1.8 g/cm3
Solubility in / Miscibility with water:	Miscible.
Solvent content:	
Organic solvents:	8 %
VOC (EC)	0.00 %

Product name.Medi-Cal-II,Art.Nr. 10010**Other information:** No further relevant information available**Section10: Stability and reactivity****10.1 Reactivity**

no data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

Strong acids

10.6 Hazardous decomposition products

Other decomposition products-no data available

In the event of fire: see section 5

Section 11: Toxicological information**11.1 Information on toxicological effects**

Acute toxicity LD50 Oral-rat-7.340 mg/kg

Skin corrosion/irritation

Result: Irritating to skin.

(OECD Test Guideline 404)

12-Ecological information**12.1 Toxicity****12.1.2 Mixtures**

No aquatic toxicity data available for the mixture

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 BPT and vPvB assesment

No data available

12.6 Other adverse effects

No data available

Section13: Disposal considrations**13.1 Waste treatment methods**

Do not pour into drain or waterways.Dispose of waste in compliance with current legislation, preferably via a certified company.

Section14: Transport information**14.1 Exempt from transport classification and labelling.**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2013).

Section15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

Section16: Other information

Full text of H-Statements referred to under sections 2 and 3.

Eye Dam.	Serious eye damage
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
Skin Irrit.	Skin irritation

Full text of R-phrases referred to under sections 2 and 3

Xi	Irritant
R37/38	Irritating to respiratory system and skin.
R41	Risk of serious damage to eyes