



Safety data sheet

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

Revision: 05.11.2015

Product name: Medi-Caries Detector- Art.Nr.2058

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Medi-Caries Detector

Article number: 2058 (5 ml)

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

Dental etchant bonding For dental professionals only

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: **Swiss MediTec GmbH**

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: Swissmeditec GmbH

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin irritation(Category 1B), H314

Serious eye damage(Category 3), H318

· Classification of the substance or mixture H303 May be harmful if swallowed. · Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable. · Information concerning particular hazards for human and environment: The product does not have to be labelled due to the calculation procedure of international guidelines. · Classification system: The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

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

GHS label elements The product is classified and labelled according to the Globally Harmonized System (GHS). · Hazard pictograms Void · Signal word Warning · Hazard statements H303 May be harmful if swallowed. · Precautionary statements P312 Call a POISON CENTER or doctor/physician if



Section 3-Composition/information on ingredients

3.2 Mixture Chemical characterization: Substances

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

Components		
CAS No.57-55-6	propane-1,2-diol	H302

· Other ingredients: Dyes

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

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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.

- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available
- Protective equipment: No special measures required.

5.1.2 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.

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 etchant,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: Liquid Odor Odour threshold:	Liquid Color: Red or Green Alcohol-like Not determined
Melting point: Boiling range:	-68.5 °C 171C
Flash point:	118°C
pH-value:	5.5
Flammability (solid, gaseous):	Not applicable
Ignition temperature:	433°C
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	Lower: 3.5 Vol % Upper: 15.0 Vol %
Vapor pressure at 20°C:	62 hPa

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: no data available

Skin corrosion/irritation :no data available

Result: Irritating to skin.no data available

(OECD Test Guideline 404)

12-Ecological information

12.1 Toxicity

12.1.2 Mixtures

No data available.

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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

PBT/vPvB assesment not available as chemical safety assesment not required/Not conducted

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 UN proper shipping name · DOT Ethanol (<10%), mixture · TDG 1170 Ethanol (Ethyl alcohol,<10%), mixture · IMDG ETHANOL (Ethyl alcohol,<10%), mixture · IATA ETHANOL, mixture ICAO/IATA for air transport

- UN-Number · DOT, ADR, ADN, IMDG, IATA Void
- UN proper shipping name · DOT, ADR, ADN, IMDG, IATA Void
- Transport hazard class(es) · DOT, ADR, ADN, IMDG, IATA · Class Void
- Packing group · DOT, ADR, IMDG, IATA Void
- Environmental hazards: · Marine pollutant: No · Special precautions for user Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

Section15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or Mixture

- Sara · Section 355 (extremely hazardous substances): None of the ingredient is listed.
- Section 313 (Specific toxic chemical listings): None of the ingredients is listed.
- TSCA (Toxic Substances Control Act): All ingredients are listed.
- Proposition 65 · Chemicals known to cause cancer: None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.
- Chemicals known to cause developmental toxicity: None of the ingredients is listed.
- Cancerogenity categories · EPA (Environmental Protection Agency) None of the ingredients is listed.
- IARC (International Agency for Research on Cancer) None of the ingredients is listed.
- TLV (Threshold Limit Value established by ACGIH) None of the ingredients is listed.
- NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients is listed.
- OSHA-Ca (Occupational Safety & Health Administation) None of the ingredients is listed.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

Section16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Version: 3 · Relevant phrases H302 Harmful if swallowed.