

Swiss MediTec



Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 05.11.2015

Revision:2.1

1- Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name: Medi-EDTA-Gel
Article number: 10018 (25 ml Gel)
CAS Number: 60-00-4
EC number: 200-449-4

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

Application of the substance / the preparation liquid component of the zinc oxide/eugenol cement

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Swiss MediTec
Gfellen ,POBox 513, 6162 Finsterwald; Switzerland
Tel. (+)41 56 624 02 37

Further information obtainable from: www.swiss-meditec.ch, info@swiss-meditec.ch

1.4 Emergency telephone number: (+) 41 79 482 32 98**Section 2-Hazards identification****2.1 Classification of the substance or mixture**

In compliance with EC regulation No. 1272/2008 and its amendments

Eye irritation(Category 2), H319

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

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi irritant R36

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

2.2 Label elements

Labelling according tRegulatory (EC) No 1272/2008

Pictogram



Warning GHS07

Hazard statement(s)

H319 Causes serious eye irritation

Precautionary statement(s) P305 + P351 + P338

Supplemental Hazard none

Statements

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Section 3-Composition/information on ingredients

Chemical characterization: Substances

CAS No. Description: 60-00-4

Identification number(s)

EC No. 200-449-4

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

Component	Classification	Concentration
Edetic acid CAS-No. 60-00-4 EC-No. 200-449-4	Eye irrit.2; H319	<80 %

Trade name: Medi-EDTA(Gel)
Hazardous ingredients according to Directive 1999/45/EC

Component	Classification	Concentration
Edetic acid CAS-No. 60-00-4 EC-No.200-449-4	Xi,R36	<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, 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

Suitable extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx)

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

Do not let product enter drains.

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.

Section 7-Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

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)

A part from the uses mentioned in section 1.2 no other specific uses are stipulated

Section 8-Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

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

Trade name: Medi-EDTA(Gel) Art.Nr.:10018**Personal protective equipment****Eye/face protection**

Avoid contact with eyes.

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/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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 Do not let product enter drains

Section 9-Physical and chemical properties**Information on basic physical and chemical properties****General Information**

Appearance:	Form: Gel
Colour:	white
Odour:	Characteristic
pH-value at 20°C:	9.4
Melting point/Melting range:	around 0 °C,(water based)
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.(water based)
Danger of explosion:	Product does not present an explosion hazard.
Density at 20°C:	1.13 gm/cm3
Solubility in / Miscibility with water:	Soluble.
Solvent content:	
Organic solvents:	8 %
VOC (EC)	0.00 %
Solids content:	18 %

Other information

No further relevant information available

Section 10-Stability and reactivity**Reactivity****Chemical stability**

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions : No dangerous reactions known.

Conditions to avoid : No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

Other information

No further relevant information available.

Section 11- Toxicological information

11.1.Information on toxicological effects

Acute toxicity:
Primary irritant effect:
on the skin: No irritant effect.
on the eye: No irritating effect.
Sensitization: No sensitizing effects known.

Section 12- Ecological information

12.1 Toxicity

Acquatic toxicity: No further relevant information available.
Persistence and degradability : No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil : No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

Other adverse effects No further relevant information available.

Section 13-Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Section 14-Transport information

UN-Number

ADR, IMDG, IATA Void

UN proper shipping name

ADR, IMDG, IATA Void

Transport hazard class(es)

ADR, IMDG, IATA Void

Packing group

ADR, IMDG, IATA Void

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code

Not applicable.

UN "Model Regulation" :

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Section 15-Regulatory information

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16-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.

Relevant phrases

H319 Causes serious eye irritation.

R36 Irritating to eyes.

Abbreviations and acronyms:

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

VOC: Volatile Organic Compounds (USA, EU)