

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Ideal**

Order number: 06600001 / 06600010

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

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

Use of the substance/mixture

Isolation Spray plaster against plaster

Uses advised against

No information available.

#### 1.3. Details of the supplier of the safety data sheet

Company name: Klasse 4 Dental GmbH

Street: Bismarckstraße 21

Place: D-86159 Augsburg

Telephone: +49 821 608914-0

Telefax: +49 821 608914-10

e-mail: info@klasse4.de

Contact person: Mr. Kramer

e-mail: info@klasse4.de

Internet: www.klasse4.de

1.4. Emergency telephone number: IRL: 01 809 2566 (Healthcare Professionals) | GB: 0044 151 951 3317 (Health and Safety Executive (HSE) Chemicals)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 3; H226 Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H226

Flammable liquid and vapour.

H319

Causes serious eye irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves and eye protection/face protection.

P337+P313 If eye irritation persists: Get medical advice/attention.

#### 2.3. Other hazards

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Chemical characterization

Isolation agent

Relevant ingredients

| CAS No  | Chemical name   |              |                  | Quantity    |
|---|---|--------------|------------------|-------------|
|   | EC No   | Index No     | REACH No         |             |
| Classification (Regulation (EC) No 1272/2008) |   |              |                  |             |
| 67-63-0                                       | propan-2-ol   |              |                  | 15 - < 20 % |
|   | 200-661-7   | 603-117-00-0 | 01-2119457558-25 |             |
|   | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 |              |                  |             |

Full text of H and EUH statements: see section 16.

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Immediately remove any contaminated clothing, shoes or stockings.

Get medical advice/attention if you feel unwell.

##### After inhalation

Provide fresh air.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

##### After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### After ingestion

Rinse mouth immediately and drink 1 glass of water. Do NOT induce vomiting. Call a physician immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

Vapours may cause drowsiness and dizziness. Processing vapours can irritate the respiratory tracts, skin and eyes.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Extinguishing powder, Carbon dioxide (CO<sub>2</sub>), alcohol resistant foam, Water spray jet

##### Unsuitable extinguishing media

Full water jet

#### 5.2. Special hazards arising from the substance or mixture

Vapours can form explosive mixtures with air.

Thermal decomposition can lead to the escape of irritating gases and vapours.

#### 5.3. Advice for firefighters

Do not inhale explosion and combustion gases.

In case of fire: Wear self-contained breathing apparatus.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### General advice

Provide adequate ventilation.

Use personal protection equipment. Remove all sources of ignition.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

##### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Use only in well-ventilated areas.

Avoid contact with skin, eyes and clothes.

Do not eat, drink or smoke when using this product.

##### Advice on protection against fire and explosion

Vapours can form explosive mixtures with air. Keep away from sources of ignition - No smoking.

Vapours are heavier than air.

Take precautionary measures against static discharges.

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### Advice on general occupational hygiene

- Avoid breathing vapours.
- Avoid contact with skin, eyes and clothes.
- Wash hands before breaks and after work.
- Keep away from food, drink and animal feedingstuffs.

### Further information on handling

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

#### Further information on storage conditions

Protect against: Heat

Recommended storage temperature: +10°C / 50°F - +30°C / 86°F

### 7.3. Specific end use(s)

Please refer to our internet website for more information. [www.klasse4.de](http://www.klasse4.de)

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

| CAS No  | Substance   | ppm        | mg/m³  | fib/cm³ | Category                   | Origin |
|---------|-------------|------------|--------|---------|----------------------------|--------|
| 67-63-0 | Propan-2-ol | 200<br>400 | -<br>- |         | TWA (8 h)<br>STEL (15 min) |        |

#### Biological limit values

| CAS No  | Substance  | Parameter | Value   | Test material | Sampling time                   |
|---------|------------|-----------|---------|---------------|---------------------------------|
| 67-63-0 | 2-Propanol | Acetone   | 40 mg/L | Urine         | End of shift at end of workweek |

### 8.2. Exposure controls



#### Appropriate engineering controls

Safe handling: see section 7

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Wear eye protection/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Suitable material: Butyl caoutchouc (butyl rubber)

Thickness of the glove material: 0,4 mm

Breakthrough time: > 480 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

##### Respiratory protection

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Respiratory protection necessary at: insufficient ventilation

##### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                 |                |
|-----------------|----------------|
| Physical state: | Liquid         |
| Colour:         | light yellow   |
| Odour:          | characteristic |

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|   | Test method                    |
|---|--------------------------------|
| Melting point/freezing point:                             | < 0 °C                         |
| Boiling point or initial boiling point and boiling range: | > 82 °C Literaturwert          |
| Flammability:   | Flammable liquid and vapour.   |
| Lower explosion limits:                                   | 2,0 * vol. % Literaturwert     |
| Upper explosion limits:                                   | 12,0 * vol. % Literaturwert    |
| Flash point:  | 28 °C ISO 3679                 |
| Auto-ignition temperature:                                | not applicable                 |
| Decomposition temperature:                                | not determined                 |
| pH-Value (at 20 °C):                                      | 9 DIN 19268                    |
| Viscosity / kinematic:<br>(at 40 °C)                      | 3 mm <sup>2</sup> /s DIN 53015 |
| Water solubility:   | easily soluble                 |
| Partition coefficient n-octanol/water:                    | not applicable                 |
| Vapour pressure:<br>(at 20 °C)                            | < 41 hPa Literaturwert         |
| Vapour pressure:<br>(at 50 °C)                            | < 225 hPa OECD 104             |
| Density (at 20 °C):                                       | 0,97 - 1,02 g/cm <sup>3</sup>  |
| Bulk density:   | not applicable                 |

### 9.2. Other information

Information with regard to physical hazard classes

Explosive properties

In use, may form flammable/explosive vapour-air mixture.

Further Information

\* Data apply to the technically active substance.

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

Violent reaction with: Oxidising agent, strong

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

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## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

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#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

##### Further information

The product has not been tested. The statement is derived from the properties of the single components.

## SECTION 12: Ecological information

#### 12.1. Toxicity

Based on available data, the classification criteria are not met.

#### 12.2. Persistence and degradability

There are no data available on the mixture itself.

#### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

##### Partition coefficient n-octanol/water

| CAS    | Chemical name | Log Pow |
|--------|---------------|---------|
| No 67- | propan-2-ol   | 0,05    |

#### 12.4. Mobility in soil

There are no data available on the mixture itself.

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No information available.

##### Further information

The product has not been tested. The statement is derived from the properties of the single components. Do not allow uncontrolled discharge of product into the environment.

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods Disposal recommendations

Send to a hazardous waste incinerator facility under observation of official regulations.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

##### List of Wastes Code - residues/unused products

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

##### Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

#### Land transport (ADR/RID)

##### 14.1. UN number or ID number:

UN 1987

##### 14.2. UN proper shipping name:

ALKOHOLE, N.A.G. (2-Propanol Mischung)

##### 14.3. Transport hazard class(es):

3

##### 14.4. Packing group:

III

##### Hazard label:

3



Revision date: 23.07.2024

Marine transport (IMDG)

14.1. UN number or ID number:

UN 1987

14.2. UN proper shipping name:

ALCOHOLS, N.O.S. (2-propanol mixture)

14.3. Transport hazard class(es):

3

14.4. Packing group:

III

Hazard label:



Marine pollutant:

no

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:

UN 1987

14.2. UN proper shipping name:

Alcohols, n.o.s. (2-propanol mixture)

14.3. Transport hazard class(es):

3

14.4. Packing group:

III

Hazard label:



14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No

14.6. Special precautions for user

Further information: see section 6, 7, 8

14.7. Maritime transport in bulk according to IMO instruments

not applicable

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SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII): Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions:

< 20 % (< 193 g/l)

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

Additional information

REGULATION (EU) 2024/590 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 7 February 2024 on substances that deplete the ozone layer, and repealing Regulation (EC) No 1005/2009: not applicable

REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on persistent organic pollutants: not applicable

Regulation (EU) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals: not applicable

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SECTION 16: Other information

Changes

Abs. 9, 15 \* Data changed compared with the previous version.

Abbreviations and acronyms

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Flam. Liq: Flammable liquid Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure PBT: persistent and bioaccumulative and toxic

vPvB: Very persistent and very bioaccumulative

CAS: Chemical Abstracts Service (division of the American Chemical Society) ATE: Acute Toxicity Estimate

LD50: lethal dose, 50%

LC50: lethal concentration, 50%

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

VOC: volatile organic compound(s)

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

| Classification     | Classification procedure |
|--------------------|--------------------------|
| Flam. Liq. 3; H226 | On basis of test data    |
| Eye Irrit. 2; H319 | Calculation method       |

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. Restricted to professional users.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)