

Safety Data Sheet

according to Regulation (EC) No 1907/2006

6700

Revision date: 24.01.2020

Product code: 6700

Page 1 of 6

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

1.1. Product identifier

6700
 CAS No: 64-17-5
 Index No: 603-002-00-5
 EC No: 200-578-6

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

1.3. Details of the supplier of the safety data sheet

Company name: indigodental GmbH
 Street: Fahltskamp 5
 Place: D-25421 Pinneberg
 Telephone: +49 (0) 41 01 86 86 8-0
 e-mail: info@indigodental.com
 Internet: www.indigodental.com
 Telefax: +49 (0) 41 01 86 86 7-0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2

2.2. Label elements

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | | | Quantity |
|---------|------------------------|--------------|----------|-----------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 64-17-5 | ethanol; ethyl alcohol | | | 55 - 99 % |
| | 200-578-6 | 603-002-00-5 | | |
| | Flam. Liq. 2; H225 | | | |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

After contact with skin, wash immediately with: Water and soap. Change contaminated clothing. Rub greasy ointment into the skin.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

6700

Revision date: 24.01.2020

Product code: 6700

Page 2 of 6

After ingestion

If swallowed, immediately drink: Water. Medical treatment necessary.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Atomized water. alcohol resistant foam. Carbon dioxide (CO₂). Extinguishing powder. Sand.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Concentrated vapors are heavier than air. Vapours may form explosive mixtures with air.

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition - No smoking.

The following must be prevented: inhalation. skin contact. Eye contact.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep away from sources of ignition - No smoking. Provide adequate ventilation.

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.

Store only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|---------|-----------|------|-------------------|-----------|-----------|--------|
| 64-17-5 | Ethanol | 1000 | 1920 | | TWA (8 h) | WEL |

8.2. Exposure controls



Protective and hygiene measures

When using do not eat or drink.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

6700

Revision date: 24.01.2020

Product code: 6700

Page 3 of 6

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

Respiratory protection

The following must be prevented: inhalation. exceeding exposure limit values: Filtering device (full mask or mouthpiece) with filter: A

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|------------------------|
| Physical state: | liquid |
| Colour: | colourless-transparent |
| Odour: | characteristic |
| pH-Value: | neutral |

Changes in the physical state

| | |
|--|----------------------------------|
| Melting point: | ca. -115 °C |
| Initial boiling point and boiling range: | ca. 80 °C |
| Flash point: | The product has not been tested. |
| Lower explosion limits: | 3.5 vol. % |
| Upper explosion limits: | 15 vol. % |
| Ignition temperature: | 425 °C |
| Vapour pressure: (at 20 °C) | 59 hPa |
| Density (at 20 °C): | ca. 0,8 g/cm ³ |
| Water solubility: | complete miscible |
| Viscosity / dynamic: (at 20 °C) | 1,3 mPa·s |

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

heat.

10.5. Incompatible materials

Oxidizing agents. peroxides. acid. Alkali metals.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Acute toxicity, oral LD50: (Rat): > 10000 mg/kg

| CAS No | Chemical name | | | | | |
|---------|-------------------------|---------------|-----------|--------|--------|--|
| | Exposure route | Dose | Species | Source | Method | |
| 64-17-5 | ethanol; ethyl alcohol | | | | | |
| | oral | LD50 mg/kg | 6200 | Rat | IUCLID | |
| | inhalation (4 h) vapour | LC50 | 95,6 mg/l | Rat | RTECS | |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

6700

Revision date: 24.01.2020

Product code: 6700

Page 4 of 6

Irritation and corrosivity

In case of prolonged or frequently repeated skin contact: irritant.; Following eye contact: irritant.

SECTION 12: Ecological information

12.1. Toxicity

Acute fish toxicity (Leuciscus idus): LC50: > 8140 mg / l / 48 h (Ethanol);

Acute Daphnia toxicity (Daphnia magna): EC50: 9268 - 14221 mg / l / 48 h

| CAS No | Chemical name | | | | | |
|---------|--------------------------|------------------------|-----------|---------------|--------|--------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 64-17-5 | ethanol; ethyl alcohol | | | | | |
| | Acute crustacea toxicity | EC50 9268 - 14221 mg/l | 48 h | Daphnia magna | IUCLID | |

12.2. Persistence and degradability

Easily biodegradable (concerning to the criteria of the OECD)

| CAS No | Chemical name | | | | |
|---------|-----------------------------|---------------|---|-----------|--|
| | Method | Value | d | Source | |
| | Evaluation | | | | |
| 64-17-5 | ethanol; ethyl alcohol | | | | |
| | Biologische Abbaubarkeit | 94 % | | OECD 301E | |
| | leicht biologisch abbaubar | | | | |
| | Chemischer Sauerstoffbedarf | 930-1670 mg/g | 5 | | |

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|---------|------------------------|---------|
| 64-17-5 | ethanol; ethyl alcohol | -0,31 |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Remove according to the regulations.

Waste disposal number of waste from residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing hazardous substances; hazardous waste

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|-------------------------|
| 14.1. UN number: | UN 1170 |
| 14.2. UN proper shipping name: | ETHANOL (ETHYL ALCOHOL) |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. Packing group: | II |
| Hazard label: | 3 |



Safety Data Sheet

according to Regulation (EC) No 1907/2006

6700

Revision date: 24.01.2020

Product code: 6700

Page 5 of 6

| | |
|--------------------------|---------|
| Classification code: | F1 |
| Special Provisions: | 144 601 |
| Limited quantity: | 1 L |
| Transport category: | 2 |
| Hazard No: | 33 |
| Tunnel restriction code: | D/E |

Other applicable information (land transport)

E2

Marine transport (IMDG)

| | |
|--|-------------------------|
| 14.1. UN number: | UN 1170 |
| 14.2. UN proper shipping name: | ETHANOL (ETHYL ALCOHOL) |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. Packing group: | II |
| Hazard label: | 3 |



| | |
|---------------------|----------|
| Special Provisions: | 144 |
| Limited quantity: | 3 L |
| EmS: | F-E, S-D |

Other applicable information (marine transport)

E2

Air transport (ICAO-TI/IATA-DGR)

| | |
|--|-------------------------|
| 14.1. UN number: | UN 1170 |
| 14.2. UN proper shipping name: | ETHANOL (ETHYL ALCOHOL) |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. Packing group: | II |
| Hazard label: | 3 |



| | |
|--|------|
| Special Provisions: | A3 |
| Limited quantity Passenger: | 1 L |
| IATA-packing instructions - Passenger: | 353 |
| IATA-max. quantity - Passenger: | 5 L |
| IATA-packing instructions - Cargo: | 364 |
| IATA-max. quantity - Cargo: | 60 L |

Other applicable information (air transport)

E2

: Y341

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

Safety Data Sheet

according to Regulation (EC) No 1907/2006

6700

Revision date: 24.01.2020

Product code: 6700

Page 6 of 6

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

| | |
|--------|---|
| H225 | Highly flammable liquid and vapour. |
| EUH210 | Safety data sheet available on request. |

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