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

### 1.1. Product identifier

**IconDry**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product group</td>
<td>Endprodukt</td>
</tr>
<tr>
<td>CAS No</td>
<td>64-17-5</td>
</tr>
<tr>
<td>Index No</td>
<td>603-002-00-5</td>
</tr>
<tr>
<td>EC No</td>
<td>200-578-6</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company name</td>
<td>DMG Chemisch-Pharmazeutische Fabrik GmbH</td>
</tr>
<tr>
<td>Street</td>
<td>Elbgaustrasse 248</td>
</tr>
<tr>
<td>Place</td>
<td>D-22547 Hamburg</td>
</tr>
<tr>
<td>Telephone</td>
<td>+49. (0) 40. 84006-0</td>
</tr>
<tr>
<td>Fax</td>
<td>+49. (0) 40. 84006-222</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:info@dmg-dental.com">info@dmg-dental.com</a></td>
</tr>
<tr>
<td>Internet</td>
<td><a href="http://www.dmg-dental.com">www.dmg-dental.com</a></td>
</tr>
</tbody>
</table>

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid</td>
<td>Flam. Liq. 2</td>
</tr>
</tbody>
</table>

**Hazard Statements**

- H225 Highly flammable liquid and vapour.

**Precautionary statements**

- P233 Keep container tightly closed.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P102 Keep out of reach of children.

### 2.2. Label elements

**Signal word:** Danger

**Pictograms:** GHS02

### Hazard statements

- H225 Highly flammable liquid and vapour.

### Precautionary statements

- P233 Keep container tightly closed.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P102 Keep out of reach of children.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

- **Ethanol.**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sum formula</td>
<td>C2H6O</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>46.07</td>
</tr>
</tbody>
</table>
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 in high-fat content cream.

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

After ingestion
If swallowed, immediately drink: Water. Consult physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

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 empty into drains or the aquatic environment.

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)**

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibres/ml</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>1000</td>
<td>1920</td>
<td>-</td>
<td>TWA (8 h) WEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL (15 min) WEL</td>
<td></td>
</tr>
</tbody>
</table>

#### 8.2. Exposure controls

**Protective and hygiene measures**
When using do not eat or drink.

**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 critical value: Filter respirator (full mask or mouth-piece) 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

**Test method** neutral

**Changes in the physical state**
- **Melting point:** ca. -115 °C
- **Initial boiling point and boiling range:** ca. 80 °C
- **Flash point:** 12 °C
- **Lower explosion limits:** 3.5 vol. %
- **Upper explosion limits:** 15 vol. %
- **Ignition temperature:** 425 °C
- **Vapour pressure:** 59 hPa (at 20 °C)
- **Density (at 20 °C):** ca. 0.8 g/cm³
- **Water solubility:** complete miscible
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: (species: Rat): > 6200 mg/kg; Acute toxicity, inhalant 95.6 mg / l / 4 h

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol, ethyl alcohol</td>
<td>oral</td>
<td>LD50</td>
<td>6200 mg/kg</td>
<td>Rat</td>
<td>IUCLID</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative (4 h) vapour</td>
<td>LC50</td>
<td>95,6 mg/l</td>
<td>Rat</td>
<td>RTECS</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity Method</th>
<th>Dose</th>
<th>h</th>
<th>d</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol, ethyl alcohol</td>
<td>EC50</td>
<td>9268 - 14221</td>
<td>48</td>
<td>h</td>
<td>Daphnia magna</td>
<td>IUCLID</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
Easily biodegradable (concerning to the criteria of the OECD)

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol, ethyl alcohol</td>
<td>-0,31</td>
</tr>
</tbody>
</table>

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 dangerous substances
Classified as 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

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)

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

SECTION 16: Other information

Relevant R-phrases (Number and full text)
11 Highly flammable.

Relevant H- and EUH-phrases (Number and full text)
H225 Highly flammable liquid and vapour.

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