

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 03.12.2007

Revision: 19.09.2007

## 1 Identification of substance:

### Product details:

**Trade name:** DC Hygienetücher Lemon Fresh, 018046,018045

**Application of the substance / the preparation:** Disinfectant

### Manufacturer / Supplier:

DC Dental Central GmbH Carl Zeiss Str. 2 D-22946 Trittau

Tel.:(0049)04154 - 84 37-0

**E-mail address of the competent person responsible for the Safety Data Sheet:** Fax(0049) 04154 - 84 37-33  
verkauf@dental-central.de

**Informing department:** Sales

**Emergency information:** As above or next toxicological information centre


## 2 Hazards identification

- **Hazard designation:** void Information pertaining to particular dangers for man and environment  
R 10 Flammable.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Towel soaked with disinfectant

### ■ Dangerous components:

CAS: 64-17-5 EINECS: 200-578-6 Index Number: 603-002-00-5	Ethanol	 F;R11	25-50%
CAS: 67-63-0 EINECS: 200-661-7 Index Number: 603-117-00-0	Propan-2-ol	Xi, F; R 11-36-67	10-25%

## 4 First aid measures

**General information** Immediately remove any clothing contaminated by the product.

**After inhalation** Supply fresh air; consult doctor in case of symptoms.

**After skin contact** Rinse with warm water.

### After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

### ■ After swallowing

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

## 5 Fire fighting measures

### ■ Suitable extinguishing agents

CO<sub>2</sub> extinguishing powder or water spray/fog. Fight larger fires with water spray/fog or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents** none

**Special hazards caused by the material, its products of combustion or flue gases:**

Carbon monoxide (CO) and Carbon dioxide (CO<sup>^</sup>)

**Protective equipment:** Put on breathing apparatus.

**Additional information** Collect contaminated fire fighting water separately. It must not enter drains.

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## 6 Accidental release measures

■ **Person-related safety precautions:**

Remove all ignition sources. Ensure adequate ventilation. Avoid contact with eyes. Do not breathe vapours.

**Measures for environmental protection:** Do not allow product to reach sewage system or water bodies.

**Measures for cleaning/collecting:**

Collect mechanically.

Absorb liquid components with liquid-binding material.

## 7 Handling and storage

### Handling

**Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Avoid skin and eye contact.

Avoid breathing vapours.

Make sure that all applicable workplace limits are observed.

■ **Information about protection against explosions and fires:**

Fumes can combine with air to form an explosive mixture.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

### Storage

**Requirements to be met by storerooms and containers:**

Observe all local and national regulations for storage of water polluting products.

**Information about storage in one common storage facility:** Not required

**Further information about storage conditions:**

Keep container tightly sealed. Protect from heat and direct sunlight.

## 8 Exposure controls and personal protection

■ **Additional information about design of technical systems:** No further data; see item 7.

■ **Components with critical values that require monitoring at the workplace:**

<b>64-17-5 Ethanol</b>	
OES (Great Britain)	Long-term value 1920 , 1000 ppm
<b>67-63-0 Propan-2-ol</b>	
OES (Great Britain)	Short-term value 1250 mg/m <sup>3</sup> \ 500ppm : 999 mg/m <sup>3</sup> , 400 ppm

**Additional information:** The lists that were valid during the compilation were used as basis.

### Personal protective equipment

**General protective and hygienic measures**

Avoid close or long term contact with the skin.

Avoid contact with the eyes.

Wash hands during breaks and at the end of the work.

■ **Breathing equipment:**

If all workplace limits are observed and good ventilation is ensured, no special precautions necessary.

■ **Protection of**

**hands:**

Solvent resistant 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.

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■ **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

■ **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

■ **Eye protection:** Tightly sealed safety glasses

### 9 Physical and chemical properties:

■ <b>General Information</b>	
<b>Form:</b>	towelette according to product
<b>Colour:</b>	specification like alcohol
<b>Smell:</b>	
■ <b>Change in condition Melting point/Melting range: Boiling point/Boiling range:</b>	not determined not determined
■ <b>Flash point:</b>	not determined
■ <b>Self-inflammability:</b>	Product is not selfigniting.
■ <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures is possible.
■ <b>Critical values for explosion: Lower: Upper:</b>	2.0 Vol % 15.0 Vol %
■ <b>Vapour pressure at 20°C:</b>	57 mbar
<b>Density at 20°C</b>	0.9 g/cm <sup>3</sup>
■ <b>Solubility in / Miscibility with Water:</b>	Partly soluble

### 10 Stability and reactivity

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

**Materials to be avoided:** Strong oxidizing agents

**Dangerous reactions** Flammable vapour-air mixtures may develop.

**Dangerous products of decomposition:** Carbon monoxide (CO) and Carbon dioxide

### 11 Toxicological information

**Acute toxicity:**

**Primary irritant effect:**

**on the skin:** No irritant effect.

**on the eye:** Weak irritating effect

**Sensitization:** No sensitizing effect known.

**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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**12 Ecological information:**

*General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water*

**13 Disposal considerations****Product:**

- **Recommendation** Disposal must be made according to official regulations.

**Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information****Land transport ADR/RID (cross-border):**

**ADR/RID Class:** 4.1 (F1) Flammable solids, self-reactive substances and solid desensitised explosives.

**Kemler Number:** 40**UN-Number:** 3175**Packaging group:** II**Label:** 4.1

- **Designation of goods:** UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. < (ETHANOL, ISOPROPANOL)

**Limited quantities (LQ):** LQ8**Transport category:** 2**Tunnel restriction code:** E**Maritime transport IMDG/GGVSea:****UN Number:****Label:** 4.1**Packaging group:****EMS Number:****Marine pollutant:** 3175 4.1 II  
F-A,S-I No

**Correct technical name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. < (ETHANOL, ISOPROPANOL)

**ICAO/IATA Class:** 4.1**UN/ID Number:** 3175**Label:** 4.1**Packaging group:** II

**Correct technical name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. < (ETHANOL, ISOPROPANOL)

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**Transport/Additional information:** Transport by post may be prohibited or restricted.**15 Regulatory information****Designation according to EC guidelines:****Risk phrases:**

10 Flammable.

■ **Safety phrases:**

2 Keep out of the reach of children.

7 Keep container tightly closed.

16 Keep away from sources of ignition - No smoking.

46 If swallowed, seek medical advice immediately and show this container or label.

**National regulations****Information about limitation of use:** Employment restrictions concerning young persons must be observed.**Decree to be applied in case of technical fault:**

Quantity limits according to "EC Seveso directive" should be observed.

- 
- Water hazard class:**
- Water hazard class 1 (Self-assessment): slightly hazardous for water

**16 Other information:**

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

■ **Relevant R-phrases:**

*The(se) R-phrase(s) are those of the ingredient(s) and do(es) not necessarily represent the classification of the preparation.*

11 Highly flammable.

36 Irritating to eyes.

67 Vapours may cause drowsiness and dizziness.