

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : ID 220 Bur disinfection  
Revision : 02.01.2018  
Print date : 02.01.2018

Version (Revision) : 3.0.1 (3.0.0)

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

#### 1.1 Product identifier

ID 220 Bur disinfection

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

##### Relevant identified uses

ID 220 is a ready-diluted solution for the disinfection and cleaning of rotary instruments (drills, diamonds, root canal instruments etc.).

##### Product Categories [PC]

PCO - Other  
Disinfectants

##### Uses advised against

None, if handled according to order.

##### Remark

The product is intended for professional use.

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

##### Supplier (manufacturer/importer/only representative/downstream user/distributor)

orochemie GmbH + Co. KG

**Street :** Max-Planck-Straße 27

**Postal code/city :** 70806 Kornwestheim

**Telephone :** +49 7154 1308-0

**Telefax :** +49 7154 1308-40

**Information contact :** DÜRR DENTAL SE, Höpfigheimer Str. 17, 74321 Bietigheim-Bissingen, Germany  
Tel: +49 7142 705-0, Fax: +49 7142 705-500, info@duerrdental.com  
in Great Britain/Ireland:

DÜRR DENTAL [Products] UK Ltd., 14 Linnell Way - Telford Way Industrial Estate, Kettering Northants NN16 8PS,  
United Kingdom  
Tel: +44 1536 526740, Fax.: +44 1536 526749, info@duerruk.com

#### 1.4 Emergency telephone number

INT: +49 6132 84463 (24 h/7 d)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.

##### Classification procedure

The classification was carried out according to the calculation method of Regulation No. (EC) 1272/2008 [CLP] as well as in-house investigations.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

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Flame (GHS02) · Corrosion (GHS05)

### Signal word

Danger

### Hazard components for labelling

1-PROPANOL ; CAS No. : 71-23-8  
POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3

### Hazard statements

H226 Flammable liquid and vapour.  
H318 Causes serious eye damage.  
H315 Causes skin irritation.

### Precautionary statements

P211 Do not spray on an open flame or other ignition source.  
P280 Wear protective gloves and eye/face protection.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P501 Dispose of contents/container to hazardous or special waste collection point.

### 2.3 Other hazards

None

## SECTION 3: Composition / information on ingredients

### 3.2 Mixtures

#### Description

ID 220 contains alcohols, potassium hydroxide, corrosion inhibitors and auxiliary agents in aqueous solution.

#### Hazardous ingredients

1-PROPANOL ; REACH registration No. : 01-2119486761-29 ; EC No. : 200-746-9; CAS No. : 71-23-8

Weight fraction :  $\geq 15 - < 20$  %

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Dam. 1 ; H318 STOT SE 3 ; H336

POTASSIUM HYDROXIDE ; REACH registration No. : 01-2119487136-33 ; EC No. : 215-181-3; CAS No. : 1310-58-3

Weight fraction :  $\geq 1 - < 2$  %

Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1A ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

BENZOIC ACID ; REACH registration No. : 01-2119455536-33 ; EC No. : 200-618-2; CAS No. : 65-85-0

Weight fraction :  $< 0,5$  %

Classification 1272/2008 [CLP] : STOT RE 1 ; H372 Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315

#### Additional information

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Remove contaminated, saturated clothing immediately. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### Following inhalation

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Provide fresh air. In case of respiratory tract irritation, consult a physician.

### **In case of skin contact**

Wash with plenty of water. When in doubt or if symptoms are observed, get medical advice.

### **After eye contact**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

### **After ingestion**

If swallowed, immediately drink: Water Never give anything by mouth to an unconscious person or a person with cramps. Do NOT induce vomiting. Call a physician immediately.

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

Causes serious eye damage. Irritating to skin.

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

None

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>) Extinguishing powder Water spray Water mist The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

#### **Unsuitable extinguishing media**

Full water jet

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

None known.

#### **Hazardous combustion products**

None known.

### **5.3 Advice for firefighters**

Adapt protective equipment to surrounding fire.

#### **Special protective equipment for firefighters**

Adapt protective equipment to surrounding fire.

## **SECTION 6: Accidental release measures**

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

Use personal protection equipment. See protective measures under point 7 and 8.

#### **For non-emergency personnel**

Use personal protection equipment. See protective measures under point 7 and 8.

#### **For emergency responders**

##### **Personal protection equipment**

See protective measures under point 7 and 8.

### **6.2 Environmental precautions**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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

#### **For cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

#### **Other information**

Treat the recovered material as prescribed in the section on waste disposal.

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### 6.4 Reference to other sections

None

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Provide adequate ventilation. Please note safety instructions and directions for use on the drum. Handle and open container with care. Provide adequate ventilation. Do not breathe vapour/aerosol.

#### Protective measures

##### Measures to prevent fire

Keep away from sources of ignition. - No smoking. When using do not smoke.

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

#### Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed. Keep in a cool, well-ventilated place. Do not store in temperatures below 5 °C.

#### Hints on joint storage

Do not store together with oxidizing, self-igniting substances and highly flammable solid substances. Store the foodstuffs separately.

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

1-PROPANOL ; CAS No. : 71-23-8

Limit value type (country of origin) : TLV/STEL ( GB )

Limit value : 250 ppm / 625 mg/m<sup>3</sup>

POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3

Limit value type (country of origin) : TLV/STEL ( GB )

Limit value : 2 mg/m<sup>3</sup>

#### DNEL/DMEL and PNEC values

There are no data available on the preparation itself.

##### DNEL/DMEL

Limit value type : DNEL Consumer (local) ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 1 mg/m<sup>3</sup>

Limit value type : DNEL Consumer (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )

Exposure route : Inhalation

Exposure frequency : Short-term (acute)

Limit value : 1036 mg/m<sup>3</sup>

Limit value type : DNEL Consumer (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )

Exposure route : Dermal

Exposure frequency : Long-term (repeated)

Limit value : 81 mg/kg

Limit value type : DNEL Consumer (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )

Exposure route : Inhalation

Exposure frequency : Long-term (repeated)

Limit value : 80 mg/m<sup>3</sup>

Limit value type : DNEL Consumer (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )

Exposure route : Oral

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Exposure frequency :	Long-term (repeated)
Limit value :	61 mg/kg
Limit value type :	DNEL worker (local) ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	1 mg/m <sup>3</sup>
Limit value type :	DNEL worker (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )
Exposure route :	Inhalation
Exposure frequency :	Short-term (acute)
Limit value :	1723 mg/m <sup>3</sup>
Limit value type :	DNEL worker (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )
Exposure route :	Dermal
Exposure frequency :	Long-term (repeated)
Limit value :	136 mg/kg
Limit value type :	DNEL worker (systemic) ( 1-PROPANOL ; CAS No. : 71-23-8 )
Exposure route :	Inhalation
Exposure frequency :	Long-term (repeated)
Limit value :	268 mg/m <sup>3</sup>

### **PNEC**

Limit value type :	PNEC aquatic, freshwater ( 1-PROPANOL ; CAS No. : 71-23-8 )
Limit value :	10 mg/l
Limit value type :	PNEC aquatic, marine water ( 1-PROPANOL ; CAS No. : 71-23-8 )
Limit value :	1 mg/l
Limit value type :	PNEC (Industrial) ( 1-PROPANOL ; CAS No. : 71-23-8 )
Exposure route :	Soil
Limit value :	2,2 mg/kg
Limit value type :	PNEC sediment, freshwater ( 1-PROPANOL ; CAS No. : 71-23-8 )
Limit value :	22,8 mg/kg
Limit value type :	PNEC sediment, marine water ( 1-PROPANOL ; CAS No. : 71-23-8 )
Limit value :	2,28 mg/kg
Limit value type :	PNEC sewage treatment plant (STP) ( 1-PROPANOL ; CAS No. : 71-23-8 )
Exposure route :	Water (Including sewage plant)
Limit value :	96 mg/l

## **8.2 Exposure controls**

### **Personal protection equipment**

#### **Eye/face protection**

Eye glasses with side protection DIN EN 166

#### **Skin protection**

##### **Hand protection**

Short-term exposure (Level 2: < 30 min): disposable gloves to EN374 category III, e.g. nitrile rubber, material thickness 0.1 mm.

Long-term exposure (Level 6: < 480 min): protective gloves to EN374 category III, e.g. nitrile rubber, material thickness 0.7 mm.

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

##### **Body protection**

Body protection: not required.

#### **Respiratory protection**

Usually no personal respiratory protection necessary.

### **General health and safety measures**

Keep away from food, drink and animal feedingstuffs. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing. Wash hands before breaks and after work. Separate storage of work clothes. When using do not eat, drink, smoke, sniff.

### **Occupational exposure controls**

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### Technical measures to prevent exposure

Provide adequate ventilation.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance :** liquid

**Colour :** blue

**Odour :** Alcohol

#### Safety relevant basis data

<b>Melting point/melting range :</b>	( 1013 hPa )		No data available
<b>Initial boiling point and boiling range :</b>	( 1013 hPa )	ca.	100 °C
<b>Decomposition temperature :</b>	( 1013 hPa )		No data available
<b>Flash point :</b>			33 °C
<b>Ignition temperature :</b>			360 °C
<b>Lower explosion limit :</b>			2,1 Vol-%
<b>Upper explosion limit :</b>			13,5 Vol-%
<b>Density :</b>	( 20 °C )		0,97 - 1,01 g/cm <sup>3</sup>
<b>Solvent separation test :</b>	( 20 °C )	<	3 %
<b>Water solubility :</b>	( 20 °C )		100 Wt %
<b>pH value :</b>			12,9 - 13,9
<b>Flow time :</b>	( 20 °C )	<	20 s
<b>Odour threshold :</b>			No data available
<b>Maximum VOC content (EC) :</b>			20 Wt %
<b>Oxidising liquids :</b>			Not applicable.
<b>Explosive properties :</b>			Not applicable.
<b>Corrosive to metals :</b>			Not corrosive to metals.

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None, if handled according to order.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7). Reactions with acids: development of heat.

### 10.3 Possibility of hazardous reactions

Reactions with acids possible

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

##### Acute oral toxicity

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Parameter : LD50  
Exposure route : Oral  
Species : Rat  
Effective dose : 5078 mg/kg  
Method : OECD 401  
Parameter : ATEmix calculated  
Exposure route : Oral  
Effective dose : 25641 mg/kg  
Parameter : ATE ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )  
Exposure route : Oral  
Effective dose : 500 mg/kg

### Practical experience/human evidence

Skin and eye contact: frequent and long lasting contact may cause irritation and skin inflammation.

### Acute dermal toxicity

Parameter : ATEmix calculated  
Exposure route : Dermal  
Effective dose : not relevant  
Parameter : LD50 ( 1-PROPANOL ; CAS No. : 71-23-8 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : 4000 - 10000 mg/kg  
Parameter : LD50 ( 1-PROPANOL ; CAS No. : 71-23-8 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : 4032 mg/kg  
Parameter : LD50 ( BENZOIC ACID ; CAS No. : 65-85-0 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : > 2000 mg/kg

### Acute inhalation toxicity

Parameter : ATEmix calculated  
Exposure route : Inhalative (vapour)  
Effective dose : not relevant  
Parameter : LC50 ( 1-PROPANOL ; CAS No. : 71-23-8 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : > 33,8 mg/l  
Exposure time : 4 h  
Method : OECD 403  
Parameter : LD50 ( BENZOIC ACID ; CAS No. : 65-85-0 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : > 12,2 mg/l  
Exposure time : 4 h

### Irritant and corrosive effects

Causes serious eye damage. Irritating to skin.

### Sensitisation

No data available.

### Repeated dose toxicity (subacute, subchronic, chronic)

#### Subacute oral toxicity

Parameter : NOAEL(C) ( BENZOIC ACID ; CAS No. : 65-85-0 )  
Exposure route : Oral  
Species : Rat  
Effective dose : 500 mg/kg

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Exposure time : 24 h

### Subacute dermal toxicity

Parameter : NOAEL(C) ( BENZOIC ACID ; CAS No. : 65-85-0 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : 2500 mg/kg  
Exposure time : 24 h

### Subacute inhalation toxicity

Parameter : NOAEC ( BENZOIC ACID ; CAS No. : 65-85-0 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : 250 mg/m<sup>3</sup>

### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

No information available.

### 11.5 Additional information

The classification was carried out according to the calculation method of Regulation No. (EC) 1272/2008 [CLP] as well as in-house investigations.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

There are no data available on the preparation itself.

#### Acute (short-term) fish toxicity

Parameter : LC50 ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )  
Species : Gambusia affinis (Mosquito fish)  
Evaluation parameter : Acute (short-term) fish toxicity  
Effective dose : 80 mg/l  
Exposure time : 96 h

Parameter : LC50 ( 1-PROPANOL ; CAS No. : 71-23-8 )  
Species : Pimephales promelas (fathead minnow)  
Evaluation parameter : Acute (short-term) fish toxicity  
Effective dose : 4480 mg/l  
Exposure time : 96 h

Parameter : LC50 ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )  
Species : Poecilia reticulata (Guppy)  
Evaluation parameter : Acute (short-term) fish toxicity  
Effective dose : 165 mg/l  
Exposure time : 24 h

#### Chronic (long-term) fish toxicity

Parameter : NOEC ( BENZOIC ACID ; CAS No. : 65-85-0 )  
Species : Fish  
Evaluation parameter : Chronic (long-term) fish toxicity  
Effective dose : > 120 mg/l  
Exposure time : 672 h

#### Acute (short-term) daphnia toxicity

Parameter : EC50 ( 1-PROPANOL ; CAS No. : 71-23-8 )  
Species : Daphnia magna (Big water flea)  
Evaluation parameter : Acute (short-term) daphnia toxicity  
Effective dose : 3644 mg/l  
Exposure time : 48 h

#### Chronic (long-term) daphnia toxicity

Parameter : NOEC ( 1-PROPANOL ; CAS No. : 71-23-8 )  
Species : Daphnia magna (Big water flea)



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Evaluation parameter : Chronic (long-term) daphnia toxicity  
Effective dose : > 100 mg/l  
Exposure time : 504 h  
Method : OECD 211

### Acute (short-term) algae toxicity

Parameter : EC50 ( 1-PROPANOL ; CAS No. : 71-23-8 )  
Species : Scenedesmus subspicatus  
Evaluation parameter : Inhibition of growth rate  
Effective dose : 3100 mg/l  
Exposure time : 168 h

### Chronic (long-term) algae toxicity

Parameter : NOEC ( 1-PROPANOL ; CAS No. : 71-23-8 )  
Species : Algae  
Evaluation parameter : Chronic (long-term) algae toxicity  
Effective dose : 1150 mg/l  
Exposure time : 48 h

### Bacteria toxicity

Parameter : EC50 ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )  
Evaluation parameter : Bacteria toxicity  
Effective dose : 22 mg/l  
Exposure time : 0,25 h  
Parameter : EC50 ( 1-PROPANOL ; CAS No. : 71-23-8 )  
Species : Pseudomonas putida  
Evaluation parameter : Bacteria toxicity  
Effective dose : 2700 mg/l  
Exposure time : 16 h

## 12.2 Persistence and degradability

### Abiotic degradation

No data available.

### Biodegradation

The product is easily biodegradable according to OECD criteria. OECD 301 D. In case of appropriate conduction into adapted biological purification plants no disturbances have to be expected.

## 12.3 Bioaccumulative potential

No information available.

## 12.4 Mobility in soil

### Known or predicted distribution to environmental compartments

There are no data available on the preparation itself.

### Adsorption/Desorption

## 12.5 Results of PBT and vPvB assessment

No information available.

## 12.6 Other adverse effects

No information available.

## 12.7 Additional ecotoxicological information

Prevent from flowing into surface water/ground water.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

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Concentrate/larger quantities: 18 01 06\* (disinfectant).

### Waste treatment options

#### Appropriate disposal / Product

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

#### Appropriate disposal / Package

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### 14.1 UN number

UN 2924

### 14.2 UN proper shipping name

#### Land transport (ADR/RID)

FLAMMABLE LIQUID, CORROSIVE, N.O.S. ( 1-PROPANOL · POTASSIUM HYDROXIDE )

#### Sea transport (IMDG)

FLAMMABLE LIQUID, CORROSIVE, N.O.S. ( N-PROPANOL · POTASSIUM HYDROXIDE )

#### Air transport (ICAO-TI / IATA-DGR)

FLAMMABLE LIQUID, CORROSIVE, N.O.S. ( 1-PROPANOL · POTASSIUM HYDROXIDE )

### 14.3 Transport hazard class(es)

#### Land transport (ADR/RID)

Class(es) : 3  
Classification code : FC  
Hazard identification number (Kemler No.) : 38  
Tunnel restriction code : D/E  
Special provisions : LQ 5 | · E 1  
Hazard label(s) : 3 / 8

#### Sea transport (IMDG)

Class(es) : 3  
EmS-No. : F-E / S-C  
Special provisions : LQ 5 | · E 1  
Hazard label(s) : 3 / 8

#### Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3 / 8  
Special provisions : E 1  
Hazard label(s) : 3 / 8

### 14.4 Packing group

III

### 14.5 Environmental hazards

Land transport (ADR/RID) : No  
Sea transport (IMDG) : No  
Air transport (ICAO-TI / IATA-DGR) : No

### 14.6 Special precautions for user

None

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

## SECTION 15: Regulatory information

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

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### mixture

#### National regulations

##### Restrictions of occupation

According to directive 94/33/EC, juveniles are only allowed to handle this product as long as all effects of dangerous substances are prevented.

### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### 16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 03. Hazardous ingredients

### 16.2 Abbreviations and acronyms

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimates  
CAS = Chemical Abstracts Service  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CMR = Carcinogen, Mutagen or Reproductive toxicant  
CO<sub>2</sub> = Carbon dioxide  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EC = European Commission  
EC50 = Half maximal effective concentration  
EN = European Standard (Norm)  
EU = European Union  
EUH statement = CLP-specific Hazard statement  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
H statement = GHS Hazard statement  
IATA = International Air Transport Association ICAO-TI = International Civil Aviation Organization-Technical Instructions  
IMDG = International Maritime Dangerous Goods  
LC50 = Median lethal concentration  
LD50 = Median lethal dose  
LogPow = Logarithm of the octanol/water partition coefficient  
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NOEC/NOEL = No observed effect concentration/level  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RMM = Risk Management Measure  
RRN = REACH Registration Number  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
SVHC = Substances of Very High Concern  
TLV/STEL = Threshold limit value/short-term exposure limit  
TLV/TWA = Threshold limit value/time weighted average  
UN = United Nations  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC)

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)

**Trade name :** ID 220 Bur disinfection  
**Revision :** 02.01.2018  
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**Version (Revision) :** 3.0.1 (3.0.0)

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### 1272/2008 [CLP]

No information available.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.

### 16.6 Training advice

None

### 16.7 Additional information

Notice the directions for use on the label.

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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.

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