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		Replace :
<b>WATER- AND OIL REPELLENT IMPREGNATING PRODUCT FOR POROUS NATURAL STONES</b>		<b>CARE 1000</b>

### 1 Identification of the substance/preparation and of the company/undertaking

Trade name: CARE 1000

Use of the substance/preparation: colorless water based impregnating product for porous natural stones.

Company: Cormitec bvba  
Lageweg 60  
8930 Menen  
Belgium

Emergency telephone number: +32.(0)9.253 00 87

### 2 Composition/information on ingredients

Not classified as a hazardous product as per Council Directive 67/548/EEC or 1999/45/EC

Chemical characterisation:

Isopropanol <5 %

CAS nbr: 67-63-0

EG nbr: 200-661-7

Butylglycol <5 %

CAS nbr: 111-76-2

EG nbr: 203-905-0

Fluoropolymers

CAS nbr: not available

**Hazardous components:**

none

**Chemical description:**

stabilized clear transparent micro-emulsion in water.

**CAS nrs:**

see above

**Hazardous impurities:**

n.a.

### 3 Hazards identification

**Hazardous components:**

Not classified as a hazardous product as per Council Directive 67/548/EEC or 1999/45/EC

**Risk phrases:**

n.a.



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**Health hazards:** contact irritation of eye and skin, harmful when ingested

**Physical and chemical hazards –**

**Specific hazards:**

not known for this concentration

**Environmental:**

see chapter 12

#### 4 First aid measures

**Note to physician:**

No hazard which require special First aid measure

**First aid:**

**Inhalation:**

There is no danger to inhale the product till 30°C. Respiratory equipment required during spraying.

**Skin contact:**

Wash with soap and plenty of water.  
Consult a doctor in the event of a skin reaction.  
Change badly soiled or soaked clothing

**Eye contact:**

Remove contact lenses. Immediately wash with plenty of water during several minutes and seek medical advice.

**If swallowed:**

Rinse mouth, drink lots of water. Contact a physician and show this Safety Data Sheet.  
DO NOT induce the patient to vomit

**Symptoms and effects:**

typical symptoms and effects are not known.

**Note to physician:**

No hazard which require special first aid measures. When large volumes are swallowed, the urine acetone test can be useful.



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### 5 Fire fighting measures

**This product is non flammable.**

**Extinguishing media:**

CO<sub>2</sub>, foam, dry powder; for larger fires, water spray should be used.

**Hazardous combusting products:**

In the event of fire, carbon monoxide and carbon dioxide may be released.

**Further information:**

Do not allow contaminated extinguishing water to enter the soil, ground water or surface waters.

Dispose contaminated extinguishing water in accordance with applicable international, national and local laws, ordinances and statutes.

### 6 Accidental release measures

**Personal precautions:**

Wear protective equipment (see Chapter 8)

**Environmental precautions**

Do not allow to enter the soil, ground water or surface waters.

**Methods of cleaning up:**

**On the ground:**

Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand).

**On water:**

formation of a suspension in water, no special requirements.

**Neutralization:**

n/a

**Disposal:**

For further disposal measures see Chapter 13.

### 7 Handling and storage

**Handling:**

When handling observe the usual precautionary measures for chemicals.

**Safe handling advice:**



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**Unusual fire and explosion hazards**

Stir and/or shake well before use.  
No special requirements.

**Storage:**

polypropylene, polyethylene and fluoropolymers.

**Technical measures:**

Store at temperature 5 – 40°C.

**Safe storage:**

Keep drum tightly closed. Store in a dry area.

**To avoid storage conditions:**

Avoid frost.

**Materials to avoid:**

do not store in aluminum, copper, steel, galvanized steel packaging.

**Relevant legislation:**

No specific recommendations.

## 8 Exposure controls/personal protection

**Protection of workers: indicative Occupational Exposure Limit Values**Isopropanol

CAS nbr. 67-63-0

Control parameters 3 mg/m<sup>3</sup> Time Weighted Average (TWA); (OEL(BE))

Butylglycol

CAS nbr 111-76-2

Control parameters 98 mg/m<sup>3</sup> Limit Value Belgium (2002)

**Personal protection:****Respiratory:**

Respiratory equipment required during spraying.

**Hands:**

Wear rubber or PVC gloves

**Eyes:**

Wear eye/face protection.

**Skin:**

Wear suitable protective clothing.



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**Hygienic precautions:**

Do not eat, drink or smoke during use of the product.

Wash hands before breaks and at end of work.

Keep working clothes separate.

Change badly soiled or soaked clothing.

### 9 Physical and chemical properties

<b>Appearance:</b>	liquid
<b>Color:</b>	colorless, slightly yellow
<b>Odor:</b>	weak odour
<b>pH:</b>	neutral, 6,5 – 7,5
<b>Freezing point (°C):</b>	-3° C
<b>Stability:</b>	3 °C tot 40 °C
<b>Application temperature:</b>	15° C tot 35 °C
<b>Melting point (°C):</b>	-3° C
<b>Boiling point (°C):</b>	100 °C
<b>Decomposition temperature (°C):</b>	n/a
<b>Specific gravity (Kg/dm<sup>3</sup>):</b>	1
<b>Relative density against water:</b>	1,016
<b>Bulk density (Kg/m<sup>3</sup>):</b>	n/a
<b>Vapour pressure (kPa):</b>	cf. Water
<b>Solubility in water (g/ 100 ml):</b>	water based emulsion
<b>Flash point (°C):</b>	49 °C
<b>Auto flammability (°C):</b>	n/a
<b>Explosion limits %</b>	n/a
<b>- lower (°C):</b>	n/a
<b>- upper (°C):</b>	n/a
<b>Evaporation rate:</b>	cf. Water
<b>Oxidizing properties:</b>	cf. Water
<b>Specific conductivity (S/m):</b>	cf. Water

### 10 Stability and reactivity

<b>Stability:</b>	Stable under normal conditions
<b>Hazardous reactions:</b>	not known
<b>Conditions to avoid:</b>	Always close container tightly after removal of product. Avoid frost.



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**Materials to avoid:** materials which corrodes with water.  
**Hazardous decomposition:** Carbon monoxide, carbon dioxide (CO<sub>2</sub>).

### 11 Toxicological information

**Acute oral toxicity:** LD50 rat: >4000 mg/kg ingestion of large amount of product can cause stomach ache, diarrhoea, sickness.  
 Method: calculation.

**Skin irritation:** irritating at long term exposure.

**Eye irritation:** irritating.

**Inhalation:** not irritating with normal use and temperature.

**Carcinogenic:** Non of the products are listed as carcinogenic.

### 12 Ecological information

#### Elimination information (persistence and degradability)

#### Behavior in environmental compartments

#### Ecotoxicity effects

Isopropanol, CAS nbr: 67-63-0 en Butylglycol, CAS nbr: 111-76-2 are volatile organic substances in accordance with EC Directives 1999/13/EG and are completely water soluble.

Low water polluting product.

Care 1000 is good biodegradable and water soluble. No expected bioaccumulation at these concentrations.

Concentrates: isopropanol LC50 (24h) daphnia: >1000 ppm; butylglycol LC50 (24h) daphnia: >100 ppm.

### 13 Disposal considerations

#### Disposal of residue/unused products:

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.



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After containers have been emptied as thoroughly as possible (e.g. by pouring, scraping or draining until 'drip-dry'), they can be sent to an appropriate collection point set up within the framework of the existing take-back scheme of the chemical industry.

Containers must be recycled in compliance with national legislation and environmental regulations.

#### 14 Transport information

##### Transport :

The product is not classified as dangerous goods.  
RID/ ADR Class: n/a

#### 15 Regulatory information

No labelling is required for this material by the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3), in accordance with EC' Directives

<b>Trade name:</b>	CARE 1000
<b>Symbols:</b>	none
<b>R-phrases:</b>	none
<b>S-phrases:</b>	none
<b>Basis of the classification:</b>	n/a
<b>EG-Annex N:</b>	n/a

#### 16 Other information

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<b>Revision date:</b>	right corner, third line
<b>Date previous revision:</b>	right corner, fourth line
<b>Writer:</b>	Didier Desschans
<b>Revised parts:</b>	changes with reference to previous versions are marked with "#".
<b>Information sources:</b>	Original VIB and specifications from manufacturers.

##### Further information

This version replaces all previous versions.



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