

# Material Safety Data Sheet

## According to 91/155/EWG

**Product:** *Bioni Clean*

Date of Publication: 01.10.2006

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MSDS-No.: BCL-EU-2006-4-1

### 1. Product and Company Identification

*Product Name:*

**Bioni Clean**

*Manufacturer's Name:*

Bioni CS GmbH  
Lessingstr. 21  
D-46149 Oberhausen  
Germany

Telephone: +49 208 6217553

Fax: +49 208 6217555

*Emergency Telephone Number:*

Giftnotruf Berlin (24 hours)

Telephone Number: +49 (0)30/19 240

### 2. Composition / Information on Ingredients

*Chemical Nature of the preparation:*

Aqueous disinfectant

*Hazardous Components:*

Chemical Name according to 67/548/EWG	CAS Number	EC Number	%	Symbol	R-phrases
Hydrogen-Peroxide	231-765-0	7722-84-1	5%	Xi	R36/38: Irritating to eyes and skin

### 3. Hazards Identification

*Hazard Designation:*

Xi: Irritant



*Specific Hazards for humans and environment:*

R36/38: Irritating to eyes and skin

*Specific Hazards for humans and environment:*

This product is classified as dangerous preparation according to 1999/45/EG.

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#### 4. First Aid Measures

##### *General Information*

In all cases of doubt, or when symptoms persist, seek medical advice.

##### *Inhalation*

If affected, remove from exposure and seek medical advice.

##### *Skin*

Immediately wash skin with soap and plenty of water. Get medical attention if symptoms occur.

##### *Eyes*

Flush eyes with large amounts of water for 15 minutes. Get medical attention immediately.

##### *Ingestion*

If swallowed, seek medical advice immediately. Do not induce vomiting.

#### 5. Fire Fighting Measures

##### *Suitable extinguishing media*

Use Water fog (or if unavailable fine water spray), alcohol foam, dry agent (carbon dioxide, dry chemical powder).

##### *Protection of Firefighters*

Wear positive-pressure self-contained breathing apparatus and protective fire fighting clothing.

#### 6. Accidental Release Measures

##### *Personal Precautions*

Wear adequate personal protective equipment (see section 8).

##### *Environmental Precautions*

Do not allow to enter drains or watercourses.

If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

##### *Methods of Cleaning Up*

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

#### 7. Handling and Storage

##### *Handling*

Protect from heat and direct sun.

##### *Storage*

Keep container tightly closed when not in use. Store in cool, frost-free, dry and well-ventilated place away from sources of heat and combustible materials. Keep out of reach of children.

Contact with combustible material may cause fire

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### 8. Exposure Controls / Personal Protection

#### *Occupational Exposure Limits*

No value assigned for this specific material by the National Occupational Health and Safety Commission.

#### *Engineering controls and hygienic practices*

Ensure adequate ventilation.

Avoid contact with skin and eyes.

Remove contaminated clothing.

When using do not eat, drink and smoke.

Wash hands after using.

Handle in accordance with good industrial hygiene and safety practice.

#### *Personal protective Equipment:*

##### *Respiratory System*

Not required in case of sufficient ventilation.

##### *Hand Protection*

Use chemical resistant gloves.

##### *Eye Protection*

If there is a risk of eye contact wear safety spectacles with unperforated sideshields.

##### *Skin and Body Protection*

Use protective clothing.

### 9. Physical and Chemical Properties

Form:	liquid
Colour:	transparent
Odour:	typical
Flash Point:	n.a.
boiling point:	> 80°C
Specific Gravity at 20°C:	1.019 g/cm <sup>3</sup>
Water Solubility:	Miscible with water
pH:	approx. 4

### 10. Stability and Reactivity

#### *Chemical Stability*

Stable under normal conditions of use.

#### *Conditions to Avoid*

Heat, flames, incompatible materials and freezing temperatures

#### *Materials to avoid*

Stable under recommended storage and handling conditions (see section 7)

#### *Hazardous Decomposition Products*

Oxygen

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### 11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

#### *Skin Contact*

Contact with skin may result in irritation.

#### *Eye Contact*

Irritant.

#### *Inhalation*

No adverse effects expected.

#### *Ingestion*

No adverse effects expected.

#### *Long Term Effects*

No information available for the product.

#### *Toxicological Data*

No LD50 data available for the product.

### 12. Ecological Information

Water Hazard Classification: 1

Do not allow to enter drains or watercourses.

### 13. Disposal Considerations

#### *Product*

Recommendation:

Do not allow to enter drains or watercourses.

Handle disposal of waste material in manner which complies to local, state, province and federal laws and regulations.

#### *Packaging*

Recommendation:

Dispose according to local regulations.

### 14. Transport Information

Not classified as Dangerous Good by the criteria of ADR/RID (Road and Rail), IMO/IMDG (Sea) and IATA/ICAO (Air); NON-DANGEROUS GOODS.

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### 15. Regulatory Information

*Labelling according to EU directives concerning preparations:*

Xi: Irritant



*R-Phrases:*

R36/38 Irritating to eyes and skin

*S-Phrases:*

S1/2 Keep locked up and out of the reach of children

S3 Keep in a cool place

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28 After contact with skin, wash immediately with plenty of water

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

*National Regulations*

Water Hazard Classification: 1

Classification in accordance to VbF :

No obligatory labelling requirement.

### 16. Other Information

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