



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

### remark

The product is intended for professional use.

### 1.1 Product identifier

**Trade name/designation** GREEN&CLEAN BR

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

#### Relevant identified uses

##### remark

The product is intended for professional use.

#### Uses advised against

Do not use for private purposes (household).

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

#### Manufacturer

METASYS Medizintechnik GmbH

Florianistrasse 3

Österreich-6063 Rum bei Innsbruck

Telephone: \*43-512-205420

Telefax: \*43-512-205420-7

E-mail: sebastian.geiger@metasys.com

Department responsible for information: ENT

Information telephone: \*43-512-205420

Information telefax: \*43-512-205420-7

E-mail (competent person): sebastian.geiger@metasys.com

www.metasys.com

### 1.4 Emergency telephone number

Giftnotruf München \*49-(0)89-19240

---

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

##### remark

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 2.2 Label elements

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

##### Product identifiers

Wasserstoffperoxid in Lösung ...%

### 2.3 Other hazards

No data available

---



---

## SECTION 3: Composition / information on ingredients

### 3.1/3.2 Substances/Mixtures

#### Hazardous ingredients

hydrogen peroxide solution ...% <=4 %  
CAS 7722-84-1  
EC 231-765-0  
INDEX 008-003-00-9  
Ox. Liq. 1, H271 / Acute Tox. 4, H332 / Acute Tox. 4, H302 / Skin  
Corr. 1A, H314

---

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Remove contaminated, saturated clothing immediately.

#### Following inhalation

Provide fresh air.

#### Following skin contact

Wash immediately with:  
Water

#### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.

#### Following ingestion

Let 1 glass of water be drunken in little sips (dilution effect).

#### Self-protection of the first aider

First aider: Pay attention to self-protection!

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

#### If decomposition products are inhaled the following symptoms can occur:

No data available

#### Effects

No data available

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

#### Notes for the doctor

Treat symptomatically.

---

## SECTION 5: Firefighting measures

### Additional information

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely.

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water  
Foam  
Extinguishing powder  
Water mist



---

## 5.2 Special hazards arising from the substance or mixture

No data available

## 5.3 Advice for firefighters

### Special protective equipment for firefighters

protective clothing.

---

## SECTION 6: Accidental release measures

### Additional information

Clear spills immediately.

## 6.1 Personal precautions, protective equipment and emergency procedures

### For non-emergency personnel

#### Emergency procedures

Provide adequate ventilation.

### For emergency responders

#### Personal protection equipment

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

## 6.2 Environmental precautions

Ensure all waste water is collected and treated via a waste water treatment plant.

## 6.3 Methods and material for containment and cleaning up

### For containment

#### Suitable material for taking up:

Universal binder

Kieselguhr

Sand

### For cleaning up

#### Suitable material for diluting or neutralizing:

Water

## 6.4 Reference to other sections

No data available

---

## SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

### Advices on general occupational hygiene

Avoid contact with skin, eyes and clothes.

## 7.2 Conditions for safe storage, including any incompatibilities

### Technical measures and storage conditions

Keep locked up and out of reach of children.

### Hints on joint storage

#### Materials to avoid

alkali

#### Storage class

Non-combustible liquids

---



## Further information on storage conditions

### storage temperature

Value 5 - 30 °C

### 7.3 Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

CAS No.	Substance name	LTV	STV	remark
7722-84-1	Hydrogen peroxide	1,4 mg/m <sup>3</sup> 1 ppm	2,8 mg/m <sup>3</sup> 2 ppm	Great Britain (UK)

LTV = long-term occupational exposure limit value

STV = short-term occupational exposure limit value

source: GESTIS International Limit Values (<http://limitvalue.ifa.dguv.de/>)

Monitoring and observation processes: GESTIS Analytical Methods (<http://amcaw.ifa.dguv.de/>)

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye/face protection

##### Suitable eye protection:

goggles

##### Recommended eye protection articles

###### DIN-/EN-Norms

DIN EN 165

##### Skin protection

##### Suitable gloves type

Disposable gloves

##### Suitable material:

NBR (Nitrile rubber)

##### Required properties:

liquid-tight

##### Recommended glove articles

###### DIN-/EN-Norms

EN ISO 374

##### Body protection:

##### Additional body protection measures

none

##### Respiratory protection

##### remark

Usually no personal respirative protection necessary.



## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

#### Physical state

liquid

#### Colour

dark violet

#### Odour

odourless

#### Odour threshold:

not relevant

parameter			Method - source - remark
Melting point/freezing point			not determined
Boiling point or initial boiling point and boiling range			not determined
flammability			not determined
Upper explosion limit			not determined
lower explosion limit			not determined
Flash point (°C)			not determined
Auto-ignition temperature			not determined
Decomposition temperature			not determined
pH	3		in delivery state
Kinematic viscosity			not determined
Water solubility			completely miscible
Soluble (g/L) in			not determined
Fat solubility			not determined
Partition coefficient: n-octanol/water			not determined
Vapour pressure	20 mbar		
Density and/or relative density	1 g/cm <sup>3</sup>	Temperature =20 °C	g/cm <sup>3</sup>
Relative vapour density			not determined
particle characteristics			not determined
Dynamic viscosity	1 mPa*s		
flow time			not determined
Oxidising liquids			This information is not available.
Oxidising solids			not determined



---

parameter

Method - source - remark

---

Oxidising gas

not determined

## 9.2 Other information

No data available

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is considered to be non-reactive under normal use conditions.

### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

prolonged exposure to extreme heat

exposure to light

Avoid high temperatures or direct sunlight.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

No information available.

### Additional information

May cause decomposition by long-term light influence.

---

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

#### Assessment/classification

Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

No information available.

---

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

Acute (short-term) toxicity to crustacea >10 mg/L

#### Effective dose

EC50

#### species

Daphnia magna (Big water flea)

#### Terrestrial toxicity

#### Effects on soil microorganisms



**remark**

data lacking

## 12.2 Persistence and degradability

### Assessment/classification

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

## 12.3 Bioaccumulative potential

### Assessment/classification

No indication of bioaccumulation potential.

## 12.4 Mobility in soil

No information available.

## 12.5 Results of PBT and vPvB assessment

No information available.

## 12.6 Endocrine disrupting properties

No information available.

## 12.7 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**remark**

Completely emptied packages can be recycled.

### Directive 2008/98/EC (Waste Framework Directive)

#### Before intended use

**Waste code product** 070699

**hazardous waste** No

**Waste name**

wastes not otherwise specified

#### After intended use

**Waste code packaging** 150102

**hazardous waste** No

**Waste name**

plastic packaging

## SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	not applicable	not applicable	not applicable
14.2 Proper Shipping Name	not applicable	not applicable	not applicable
14.3 Class(es)	not applicable	not applicable	not applicable
14.4 Packing group	not applicable	not applicable	not applicable
14.5 Environmental hazards	not applicable	not applicable	not applicable



---

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Maritime transport in bulk according to IMO instruments	not applicable	not applicable	not applicable

---

## **Additional information**

### **All transport carriers**

No dangerous good in sense of these transport regulations.

---

## **SECTION 15: Regulatory information**

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

#### **EU legislation**

#### **Authorisations and/or restrictions on use**

#### **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**

Chemical safety assessments for substances in this mixture were not carried out.

---

## **SECTION 16: Other information**

### **Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]**

See SECTION 2.1 (classification).

#### **Indication of changes**

2022/06: Änderungen 3, 13