



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 ³ 1 ppm	2,8 mg/m ³ 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 ³	Temperature =20 °C
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