



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

- . **1.1 Product identifier**
 - . Trade name: **AgSept® Plus**
 - . Registration number BAUA Nr.: N-76574
- . **1.2 Relevant identified uses of the substance or mixture and uses advised against**
 - . **Sector of Use**
 - SU21 Consumer uses: Private households / general public / consumers
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
 - . **Application of the substance / the mixture** Biocide
 - . **Uses advised against** All other applications which are not explicitly listed.
- . **1.3 Details of the supplier of the safety data sheet**
 - . **Manufacturer/Supplier:**
 - B+H Solutions GmbH
 - Schnaiter Straße 13
 - D-73630 Remshalden

 - . Tel.: +49 (0)7151 / 97 00 40
 - . Fax +49 (0)7151 / 97 00 46
 - . E-Mail: info@bh-solutions.eu
 - . www.bh-solutions.eu/

 - . **Further information obtainable from:**
 - Abteilung Produktsicherheit.
 - Ansprechpartner: Herr Elmar Buder, Tel.:+49 / 162 / 4101040, e-mail:e.buder@bh-solutions.eu
- . **1.4 Emergency telephone number:** Giftnotruf der Charité: D - Berlin, Tel.: +49 / 30 / 19240

SECTION 2: Hazards identification

- . **2.1 Classification of the substance or mixture**
 - . **Classification according to Regulation (EC) No 1272/2008**
 - The product is not classified, according to the CLP regulation.
- . **2.2 Label elements**
 - . **Labelling according to Regulation (EC) No 1272/2008** Void
 - . **Hazard pictograms** Void
 - . **Signal word** Void
 - . **Hazard statements** Void
 - . **Additional information:**
 - Complies with the Biocide Products Directive (Regulation (EU) no. 528/2012).
 - Contains biocidal products: silver
- . **2.3 Other hazards**
 - The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.
 - . **Results of PBT and vPvB assessment**
 - . **PBT:** Not applicable.
 - . **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- . **3.2 Chemical characterisation: Mixtures**
 - . **Description:** Mixture of substances listed below with nonhazardous additions.

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. Dangerous components:

CAS: 7722-84-1	hydrogen peroxide solution	≤2.5%
EINECS: 231-765-0	⚠ Ox. Liq. 1, H271	
Reg.nr.: 01-2119485845-22-XXXX	⚠ Skin Corr. 1A, H314	
	⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	

- . **Regulation (EC) No 648/2004 on detergents / Labelling for contents** not applicable
- . **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- . **4.1 Description of first aid measures**
 - . **General information:** Immediately remove any clothing soiled by the product.
 - . **After inhalation:** Supply fresh air; consult doctor in case of complaints.
 - . **After skin contact:** Generally the product does not irritate the skin.
 - . **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 - . **After swallowing:** If symptoms persist consult doctor.
- . **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- . **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- . **5.1 Extinguishing media**
 - . **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- . **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- . **5.3 Advice for firefighters** Not available.
 - . **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- . **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
- . **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- . **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- . **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

- . **7.1 Precautions for safe handling**
No special measures required.
Keep receptacles tightly sealed.
 - . **Information about fire - and explosion protection:** No special measures required.
- . **7.2 Conditions for safe storage, including any incompatibilities**
 - . **Storage:**
 - . **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
 - . **Further information about storage conditions:** None.
 - . **Recommended storage temperature:** 20 °C
- . **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- . **Additional information about design of technical facilities:** No further data; see item 7.
- . **8.1 Control parameters**
 - . **Ingredients with limit values that require monitoring at the workplace:**

CAS: 7722-84-1 hydrogen peroxide solution	
WEL	Short-term value: 2.8 mg/m ³ , 2 ppm Long-term value: 1.4 mg/m ³ , 1 ppm

 - . **Additional information:** The lists valid during the making were used as basis.
- . **8.2 Exposure controls**
 - . **Personal protective equipment:**
 - . **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with the eyes and skin.
Do not eat or drink while working.
 - . **Respiratory protection:**
In case of insufficient ventilation and longer exposure, we recommend a respirator with filter type A.
 - . **Protection of hands:** Nitrile gloves
 - . **Eye protection:** Goggles recommended during refilling
 - . **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

- . **9.1 Information on basic physical and chemical properties**
 - . **General Information**
 - . **Appearance:**
 - . **Form:** Fluid
 - . **Colour:** Colourless
 - . **Odour:** Odourless
 - . **Odour threshold:** Not determined.
 - . **pH-value at 20 °C:** 7

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· Change in condition	
· Melting point/freezing point:	0 °C
· Initial boiling point and boiling range:	100 °C
· Flash point: Not applicable.	
· Flammability (solid, gas): Not applicable.	
· Decomposition temperature: Not determined.	
· Auto-ignition temperature: Product is not selfigniting.	
· Explosive properties: Product does not present an explosion hazard.	
· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Vapour pressure at 20 °C: 23 hPa	
· Density at 20 °C: 1 g/cm ³	
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· water:	Not determined.
· Partition coefficient: n-octanol/water: Not determined.	
· Viscosity:	
· Dynamic:	Not determined.
· Kinematic:	Not determined.
· Solvent content:	
· VOC (EC)	12
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
 - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
 - **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**
Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
 - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
 - **Carcinogenicity** Based on available data, the classification criteria are not met.
 - **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
 - **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- **Recommendation**
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
- **Uncleaned packaging:**
 - **Recommendation:** Packaging may be reused or recycled after cleaning.

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SECTION 14: Transport information

. 14.1 UN-Number	
. ADR, ADN, IMDG, IATA	Void
. 14.2 UN proper shipping name	
. ADR, ADN, IMDG, IATA	Void
. 14.3 Transport hazard class(es)	
. ADR, ADN, IMDG, IATA	
. Class	Void
. 14.4 Packing group	
. ADR, IMDG, IATA	Void
. 14.5 Environmental hazards:	Not applicable.
. 14.6 Special precautions for user	Not applicable.
. 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
. Transport/Additional information:	
. ADR	
. Remarks:	---
. IATA	
. Remarks:	--- Must be clarified with the respective air line.
. UN "Model Regulation":	Void

SECTION 15: Regulatory information

- . 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 - . Directive 2012/18/EU
 - . Named dangerous substances - ANNEX I None of the ingredients is listed.
 - . DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- . 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- . Relevant phrases
 - H271 May cause fire or explosion; strong oxidiser.
 - H302 Harmful if swallowed.
 - H314 Causes severe skin burns and eye damage.

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H332 Harmful if inhaled.

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· **Department issuing SDS:** Product safety department.

· **Contact:** Product safety department.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Ox. Liq. 1: Oxidizing liquids – Category 1

Acute Tox. 4: Acute toxicity - oral – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

· *** Data compared to the previous version altered.**