

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 03/03/202020 Revision date: 03/04/2021

Supersedes: 29/04/2018

Version: 1.7

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Product name : BioSecure Transport (GBM)
Synonyms : Stabilised hydrogen peroxide & silver
Product group Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Function or use category

Corona Viruses are a large family of viruses. They cause illnesses ranging from the common cold to the more severe diseases such as Middle East Respiratory Syndrome (MERS) and Severe Acute Respiratory Syndrome, COVID-19, a new strain of the Corona Virus and Norovirus.

1.2.2. Uses advised against

No additional information available

GBM is a specialty disinfectant with proven efficacy against bacteria, fungi, algae and viruses. It is the most developed of the ionic silver stabilised hydrogen peroxides (S.S.H.Ps) and has excellent long-term stability. The excellent stability of GBM means it takes longer to break down to oxygen and water and so it keeps working effectively.

1.3. Details of the supplier of the safety data sheet

Manufactured under licence by Roam Technology NV for:

BioSecure Transport
Heritage Detailing Centre Limited
Unit 5 Glebe Farm Industrial Estate
Horley, Banbury, OX15 6BN

T: 01295 670009 www.biosecuretransport.co.uk

@1.66% (No PPE Required) Diluted can be applied to hard surfaces surfaces and will disinfect them quickly and easily killing viruses, bacteria and mould that are present. It will continue to be effective for some time after application (the length of time that the biocide will remain active will depend on the cleanliness of the environment).

@5-10% GBM solution can be applied by fogging. Fogging is ideal for disinfecting large areas such as hospital wards in a short time. Fogging produces a vapour, containing a high concentration of hydrogen peroxide that accesses all parts of the room and kills by micro condensations on surfaces

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients**3.1. Substance**

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|----------------------------------|--|--|---|
| hydrogen peroxide solution ... % | (CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 (REACH-no) 01-2119485845-22 | 4.861 – 5.0 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 |
| Name | Product identifier | Specific concentration limits | |
| hydrogen peroxide solution ... % | (CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 (REACH-no) 01-2119485845-22 | (35 =< C) STOT SE 3, H335 (5 =< C < 8) Eye Irrit. 2, H319 (8 =< C < 50) Eye Dam. 1, H318 (35 =< C < 50) Skin Irrit. 2, H315 (50 =< C < 70) Skin Corr. 1B, H314 (70 =< C) Skin Corr. 1A, H314 (50 =< C < 70) Ox. Liq. 2, H272 (70 =< C) Ox. Liq. 1, H271 | |

Full text of H- and EUH-phrases: see section 16

SECTION 4: First aid measures**4.1. Description of first aid measures**

- First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Take victim to an ophthalmologist if irritation persists.
- First-aid measures after ingestion : Do not induce vomiting. Give water to drink.

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

- Symptoms/injuries after inhalation : After inhalation. Aerosols : May cause a light irritation of the throat and the upper airways.
- Symptoms/injuries after ingestion : Slight irritant by ingestion.

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

No additional information available

SECTION 5: Firefighting measures**5.1. Extinguishing media**

- Suitable extinguishing media : All extinguishing media allowed.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

- Protective equipment : Reference to other sections (8.2/13).

6.1.2. For emergency responders

- Protective equipment : Reference to other sections (8.2/13).

6.2. Environmental precautions

Dilute with water.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Clean contaminated surfaces with an excess of water.

6.4. Reference to other sections

Reference to other sections (8, 13).

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

- Precautions for safe handling : Observe normal hygiene standards. Never return spills in original containers for possible later re-use.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Emergency safety showers should be available in the immediate vicinity of any potential exposure. Observe normal hygiene standards.
- Special rules on packaging : meet the legal requirements.
- Packaging materials : stainless steel, aluminium, Polyethylene. Use adequate venting devices on all packages and containers.

7.3. Specific end use(s)

Refer to manufacturer/supplier for information on identified use(s).

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

| GBM | | |
|---------|----------------------------------|-----------------------|
| Belgium | Limit value (mg/m ³) | 1,4 mg/m ³ |
| Belgium | Limit value (ppm) | 1 ppm |

8.2. Exposure controls

- Appropriate engineering controls : When using, do not eat, drink or smoke. Wash hands before break and at end of works. Avoid contact with skin, eyes, or clothing.
- Personal protective equipment : Gloves. Protective goggles. Protective clothing.

| | |
|--------------------------|-----------------------|
| Hand protection | : Gloves |
| Eye protection | : Safety glasses |
| Skin and body protection | : Protective clothing |

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

| | |
|--|----------------------------------|
| Physical state | : Liquid |
| Appearance | : Liquid. |
| Colour | : Colourless. |
| Odour | : Odourless. |
| Odour threshold | : No data available |
| pH | : 3 - 4 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : -2 °C |
| Freezing point | : No data available |
| Boiling point | : 101 °C |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 1,01 - 1,012 g/cm ³ |
| Solubility | : No data available |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : 1,77 mPa.s (0°C) |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Release of oxygen in contact with impurities, decomposition catalysts and incompatible substances.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

metals, reducers, Bases, combustible materials, Impurities, metal ions, metallic salts.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity : Not classified

GBM

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| | |
|--|-------------------------------|
| Skin corrosion/irritation | : Not classified pH: 3 - 4 |
| Serious eye damage/irritation | : Not classified pH: 3 - 4 |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations : Can be disposed as waste water according to local regulation.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

| | |
|-----------------------------|------------------|
| Proper Shipping Name (ADR) | : Not applicable |
| Proper Shipping Name (IMDG) | : Not applicable |
| Proper Shipping Name (IATA) | : Not applicable |
| Proper Shipping Name (ADN) | : Not applicable |
| Proper Shipping Name (RID) | : Not applicable |

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

14.6.2. Transport by sea

14.6.3. Air transport

14.6.4. Inland waterway transport

Not subject to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions
Aeros is not on the REACH Candidate List
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Data sources : The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed, unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in questions.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product