

SAFETY DATA SHEET
GOLD COLLOID SOLUTIONS ALL SIZES

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Revision date: 16/03/2021
Revision No: 6

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

1.1. Product identifier

Product name: GOLD COLLOID SOLUTIONS ALL SIZES AND ODs

Product code: EM.GC

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

1.3. Details of the supplier of the safety data sheet

Use of substance / mixture: For Laboratory Use Only – In Vitro use only

Company name: BBI Solutions OEM Ltd

Unit 2

Pen Y Fan Industrial Estate

Parkway

Crumlin

NP11 3EF

United Kingdom

Email: technicalsupport@bbisolutions.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 1495 363000

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: -: EUH208

Most important adverse effects: Contains gold(iii) chloride trihydrate. May produce an allergic reaction.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains gold(iii) chloride trihydrate. May produce an allergic reaction.

2.3. Other hazards

Section 3: Composition/information on ingredients

3.2. Mixtures

Section 4: First aid measures

4.1. Description of first aid measures

PBT: This product is not identified as a PBT/vPvB substance.

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

[cont...]

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Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Inhalation: No data available.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb onto appropriate spill kit material or suitable inert absorbent. Keep in suitable closed container for disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

To be stored as per conditions on product datasheet – Do not allow to freeze – This will cause irreversible aggregation.

7.3. Specific end use(s)

Suitable packaging: Must only be kept in original packaging. To avoid contamination of stock, aliquots can be taken into a borosilicate glass beaker. Open bottles of colloid should be used within 1 month of opening.

Specific end use(s): For laboratory use only – In-Vitro use only - This product is not intended for ingestion of any kind

Section 8: Exposure controls/personal protection

[cont...]

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8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

8.2. Exposure controls

DNEL / PNEC No data available.

Engineering measures: Not required under normal working conditions

Respiratory protection: Respiratory protection is not required under normal use of this product

Hand protection: Select appropriate gloves to meet the specifications of standard EN 374

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Various

Odour: Odourless

Evaporation rate: No data available.

Boiling point/range°C: No data available.

Flammability limits %: lower: No data available.

Flash point°C: No data available.

Autoflammability°C: No data available.

Melting point/range°C: No data available.

upper: No data available.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: No data available.

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Other information: No data available.

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Chemical stability: Stable under normal conditions.

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

[cont...]

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Section 11: Toxicological information

11.1. Information on toxicological effects

Excluded hazards for substance:

| Hazard | Route | Basis |
|--------------------------------|-------|-----------------------|
| Acute toxicity (ac. tox. 4) | - | No hazard: calculated |
| Acute toxicity (ac. tox. 3) | - | No hazard: calculated |
| Acute toxicity (ac. tox. 2) | - | No hazard: calculated |
| Acute toxicity (ac. tox. 1) | - | No hazard: calculated |
| Skin corrosion/irritation | - | No hazard: calculated |
| Serious eye damage/irritation | - | No hazard: calculated |
| Respiratory/skin sensitisation | - | No hazard: calculated |
| Germ cell mutagenicity | - | No hazard: calculated |
| Carcinogenicity | - | No hazard: calculated |
| Reproductive toxicity | - | No hazard: calculated |
| STOT-single exposure | - | No hazard: calculated |
| STOT-repeated exposure | - | No hazard: calculated |
| Aspiration hazard | - | No hazard: calculated |

Symptoms / routes of exposure

Skin contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Inhalation: No data available.

Section 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Ecotoxicity values: No data available.

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

12.4. Mobility in soil

Bioaccumulative potential: No data available.

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

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12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Product should be shipped at ambient and without cold packs and should be protected from freezing while in transport

Section 15: Regulatory information

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

Section 16: Other information

Other information

15.2. Chemical Safety Assessment

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

