



## Material Safety Data Sheet

### Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Identification of the substance or mixture

Product name : CeleMag Streptavidin Bead, 2ml  
CeleMag Streptavidin Bead, 10ml

Product Number : CMSB02  
CMSB10

Brand : Celemics

#### Recommended use of the chemical and restrictions on use

Identified uses : For research use only. Not for pharmaceutical, household or other uses.

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

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### Section 2. HAZARDS IDENTIFICATION

#### . GHS - Classification

#### Signal word

None.

#### Hazard pictograms

None.

#### Hazard Statements

No information available.

#### Precautionary Statements

Prevention

No information available.

**Response**

No information available.

**Storage**

No information available.

**Disposal**

No information available.

**Other hazards**

No information available.

**Section 3. COMPOSITION/INFORMATION ON INGREDIENTS****Substances/Mixtures**

Ingredient name	Usual name	Cas No.	Amount (%)
No information applicable	-	-	-

There are no additional ingredients present which at their given concentration, are considered to be hazardous to health.

**Section 4. FIRST AID MEASURES****Description of first aid measures****Skin contact**

Rinse with plenty of water. Immediate medical attention is not required.

**Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion**

Rinse mouth with water. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.

**Inhalation**

If breathed in, move person into fresh air. If not breathing, give artificial respiration or oxygen by trained personnel.

**Most important symptoms and effects, both acute and delayed**

No information available.

**Indication of any immediate medical attention and special treatment needed**

None.

**Section 5. FIRE FIGHTING MEASURES****Extinguishing media****Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable extinguishing media**

No information available.

**Specific hazards arising from the substance or mixture**

Not known.

**Advice for fire-fighters**

Standard procedure for chemical fires.

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**Section 6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Always wear recommended Personal Protective Equipment.

Use personal protection equipment.

See section 8 for more detail.

**Environmental precautions**

No special environmental precautions required.

**Methods and materials for containment and cleaning up**

Soak up with inert absorbent material.

**Reference to other sections**

See section 8 for more information.

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**Section 7. HANDLING AND STORAGE****Precautions for safe handling**

Use personal protective equipment as required. No special handling advices are necessary.

**Conditions for safe storage, including any incompatibilities**

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**Specific end use(s)**

For research use only.

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**Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

**Exposure Limits**                      Contains no substances with occupational exposure limit values.

**Engineering measures**              Ensure adequate ventilation, especially in confined areas.

**Exposure controls****Personal protective Equipment****Respiratory protection**

Respiratory protection not required. Use appropriate respirators and components according to known or anticipated exposure levels if a risk assessment indicates this is necessary.

**Hand protection**

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

**Eye protection**

Tight sealing safety goggles.

**Skin and Body protection**

Wear suitable protective clothing.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls**

No special environmental precautions required.

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## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Information on basic physical and chemical properties**

**Appearance**

<b>State</b>	Liquid
<b>Color</b>	Colourless
<b>Odour</b>	No information available
<b>Odour threshold</b>	No information available
<b>pH</b>	6-8
<b>Melting point/freezing point</b>	No information available
<b>Initial boiling point and boiling range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Upper/lower flammability or explosive limits</b>	No information available
<b>Vapour pressure</b>	No information available
<b>Vapour density</b>	No information available
<b>Relative density</b>	No information available
<b>Water solubility</b>	No information available
<b>Partition coefficient: n-octanol/ water</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

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## Section 10. STABILITY AND REACTIVITY

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**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

No information available.

**Conditions to avoid**

No information available.

**Incompatible products**

Strong acids, Strong oxidizing agents, Cyanides.

**Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Hydrogen cyanide (hydrocyanic acid), Ammonia.

Other decomposition products - No information available.

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides.

**Thermal decomposition**

No information available.

**Section 11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

Chemical name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
SODIUM AZIDE	= 27 mg/kg (Rat)	No data available	No data available

**Principal Routes of Exposure**

<b>Skin corrosion/irritation</b>	No information available
<b>Serious eye damage/irritation</b>	No information available
<b>Respiratory or skin sensitization</b>	No information available
<b>Specific target organ toxicity (STOT) - single exposure</b>	No information available
<b>Specific target organ toxicity (STOT) - repeated exposure</b>	No information available
<b>Carcinogenicity</b>	No information available
<b>Germ cell mutagenicity</b>	No information available
<b>Reproductive toxicity</b>	No information available
<b>Aspiration hazard</b>	No information available

**Section 12. ECOLOGICAL INFORMATION**

**Toxicity**

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

<b>Mobility in soil</b>	No information available
<b>Persistence and degradability</b>	No information available
<b>Bioaccumulative potential</b>	No information available
<b>Results of PBT and vPvB assessment</b>	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
<b>Other adverse effect</b>	No information available

**Section 13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

**Section 14. TRANSPORT INFORMATION**

**IATA/ADR/DOT-US/IMDG**

Not classified as dangerous in the meaning of transport regulations.

<b>UN number</b>	No information available
<b>UN proper shipping name</b>	No information available
<b>Transport hazard class(es)</b>	No information available

**Packing group** No information available

**Environmental hazards**

No information available.

**Special precautions for user**

No information available.

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

No information available.

**Section 15. REGULATORY INFORMATION**

**Regulation under the Occupational Safety and Health Act**

No information available.

**Act on the Registration and Evaluation, etc. of Chemical Substances, Chemicals Control Act**

No information available.

**Dangerous Substances Safety Management Act**

No information available.

**Wastes Control Act**

Follow article 13 of the act to dispose the product waste.

**Regulations of other domestic and international Act**

**Domestic act**

**Persistent organic pollutants control Act**

No information available

**Foreign Act**

**American supervision information**

No information applicable

**CERCLA**

No information applicable

**EPCRA 302**

No information applicable

**EPCRA 304**

No information applicable

**EPCRA 313**

No information applicable

**American supervision information**

No information applicable

**(Rotterdam agreement material)**

**American supervision information**

No information applicable

**(Stockholm agreement material)**

**American supervision information**

No information applicable

**(Montreal protocol material)**

**EU Classification information**

No information applicable

**(Confirmed classification results)**

**EU Classification information**

No information applicable

**(Danger expression)**

**EU Classification information**

No information applicable

**(Safety expression)**

**Section 16. OTHER INFORMATION**

**Reason for revision** SDS sections updated

**Revision number** 2

**Revision date** 24-Nov-2021

**For research use only. Not for use in diagnostic procedures.**

The information presented above is based on Celeemics' state of knowledge at the time of preparation. The information shall not be taken as being all inclusive, and is to be used only as a guide. The information in this MSDS does not represent any guarantee of the properties or fitness for any particular purpose. Since personnel handling this material must make independent determinations of the actual methods and volume, Celeemics, Inc. shall not be held liable for any damages resulting from handling or contact with this product.

**End of Safety Data Sheet**