

Safety Data Sheet

According to (EC) No. 1907/2006

Day of issue: 23. June 2026

Day of revision: -

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

1.1. Product identifier

UFI: Not relevant

Recombinant Bovine Serum Albumin (rBSA), Cat. No. 6500

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

For research and analysis. Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

See below

Responsible person for the safety data sheet (e-mail): support@kementec.com

1.4. Emergency telephone number

+45 3927 1771 (Only during office hours)

Poison Control Centers may be available in specific member countries

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP (1272/2008): None

2.2. Label elements

None.

2.3. Other hazards

PBT/vPvB: The ingredients are not considered PBT/vPvB according to criteria in 2023/707.

Endocrine disrupting properties: The substances are not identified as having endocrine disrupting properties in accordance with the criteria set out in 2023/707.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

% w/w	Substance Name	CAS-no.	EC-no.	Index-no.	REACH reg.-no.	Classification
50-90	Albumins	9048-46-8	232-936-2	-	-	-
< 20	Phosphate Salts	-	-	-	-	-
< 20	Sodium-chloride	7647-14-5	231-598-3	-	-	-

Wording of hazard statements - see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move the affected person to fresh air. Keep at rest. If needed: get medical attention.

Skin contact: Remove contaminated clothing and wash with soap and water. If irritation persists: Seek medical advice.

SECTION 4: First aid measures (continued)

Eye contact: Flush with water or physiological salt water, holding eye lids open, remember to remove contact lenses, if any. If irritation persists: Seek medical advice.

Ingestion: Rinse mouth and drink plenty of water. Keep under surveillance. If needed: get medical attention.

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

May cause slight irritation of skin, eyes, lungs and gastrointestinal tract.

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

Show this safety data sheet to a physician or emergency ward.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Foam or powder

5.2. Special hazards arising from the substance or mixture

Do not inhale smoke fumes. In case of fire, the product may form hazardous decomposition products such as oxides of carbon.

5.3. Advice for firefighters

Use breathing apparatus with an independent source of air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use personal protective equipment - see section 8.

6.2. Environmental precautions

Avoid empty into drains. If large amounts of the mixture contaminate sewages, inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Use a vacuum cleaner. If this is not possible, dampen the dust with water before collecting it with a shovel, broom, or similar equipment. Small spills can be wiped up with a damp cloth. Flush area of spill with plenty of water.

Further handling of spillage - see section 13.

6.4. Reference to other sections

See references above.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid spreading dust. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

At 15-30 °C. Store in a dry and well-ventilated place. Keep container tightly closed. Protect against direct sunlight.

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

EU Occupational exposure limits: None

DNEL/PNEC: No CSR.

8.2. Exposure controls

Appropriate engineering controls: None particular.

Personal protective equipment:

Inhalation: In case of dust formation: Use an approved mask with type P2 particle filter (EN 149). The filter has a limited lifetime and must be changed. Read the instruction.

Skin: In case of prolonged or repeated contact: Wear protective gloves of e.g. nitrile (EN374). There are no available data for breakthrough time, therefore it is recommended to change the glove after contact with material.

SECTION 8: Exposure controls/personal protection (continued)

Eyes: Not relevant during normal use. Wear tightly fitting safety goggles in case of risk of dust formation (EN ISO 16321-1).

Environmental exposure controls: None particular.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid - powder
Colour:	Grey to off white to light yellow to light green
Odour:	None
Melting point / freezing point (°C):	No available data
Initial boiling point and boiling range (°C):	No available data
Flammability (solid, gas):	No available data
Lower and upper explosion limit (vol.-%):	No available data
Flash point (°C):	Not relevant
Auto-ignition temperature (°C):	Not relevant
Decomposition temperature (°C):	No available data
pH:	6,5-7,5 (10% solution)
Kinematic viscosity:	No available data
Solubility:	No available data
Partition coefficient: n-octanol/water, Log K _{ow} :	No available data
Vapour pressure (hPa, 20°C):	No available data
Density and/or relative density (g/cm ³):	No available data
Particle characteristics:	No available data

9.2. Other information

None relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

No available data.

10.2. Chemical stability

Stable under normal conditions - see section 7.

10.3. Possibility of hazardous reactions

None known

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Oxidising agents, strong acids and strong bases.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Acute toxicity:	Based on available data, the classification criteria are not met.
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 sensitization:	Based on available data, the classification criteria are not met.
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.

SECTION 11: Toxicological information (continued)

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.

Information on likely routes of exposure: Skin, lungs and ingestion.

Symptoms:

Inhalation: Dust may cause irritation of the upper respiratory tract.

Skin: May cause irritation with redness.

Eyes: May cause irritation with redness.

Ingestion: Ingestion of large amounts can cause irritation with nausea and stomach ache.

Chronic effects: None known.

11.2. Information on other hazards:

None known.

SECTION 12: Ecological information

12.1. Toxicity

No available or applicable data.

12.2. Persistence and degradability

No available or applicable data.

12.3. Bioaccumulative potential

No available or applicable data.

12.4. Mobility in soil

No available or applicable data.

12.5. Results of PBT and vPvB assessment

No ingredients are PBT/vPvB, according to the criteria in Regulation 2023/707.

12.6. Endocrine disrupting properties:

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal should be according to local, state or national legislation. Dispose of through authority facilities or pass to chemical disposal company.

EWC-code:

16 05 09 (mixture itself)

15 02 03 (Paper towel, inert material etc. contaminated with the mixture)

SECTION 14: Transport information

Not dangerous goods according to ADR/RID/IMDG/IATA

14.1. UN number or ID number: None

14.2. UN proper shipping name None

14.3. Transport hazard class(es) None

14.4. Packing group None

14.5. Environmental hazards None

14.6. Special precautions for user None

14.7. Maritime transport in bulk according to IMO instruments Not relevant

SECTION 15: Regulatory information

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

None

15.2. Chemical safety assessment

No CSR

SECTION 16: Other information

Hazard statements mentioned in section 3:

None

Abbreviations:

CMR = Carcinogenicity, mutagenicity and reproductive toxicity.

CSR = Chemical Safety Report

DNEL = Derived No-Effect Level

EC50 = Effect Concentration 50 %

FW = Fresh Water

LC₅₀ = Lethal Concentration 50 %

LD₅₀ = Lethal Dose 50 %

PBT = Persistent, Bioaccumulative, Toxic

vPvB = very Persistent, very Bioaccumulative

Literature:

ECHA = European Chemicals Agency

Suppliers safety data sheet

Training advice:

No special training is required. However, the user should be well instructed in the execution of his/her task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

Changes since the previous edition:

Not relevant. Edition 1.

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