MATERIAL SAFETY DATA SHEET (MSDS)

SPHERON aluminosilicate cenospheres - SPH product line. This branded edition identifies the manufacturer in Kazakhstan and SPHERON as the brand representative in Poland.

1. Chemical product and company identification

Product name	SPHERON aluminosilicate cenospheres; ashes (residues).
Product line	SPH
CAS number	93924-19-7
Manufacturer	Kazcenospheres LLP Building 312, North Industrial Zone Pavlodar, Kazakhstan, S04G5F5 Tel.: +7 (705) 707-52-32 E-mail: info@kazcenospheres.com
Brand representative in Poland	SPHERON Małgorzata Kowalska ul. Chałubińskiego 50/50 92-109 Łódź, Poland NIP: 7291486346

2. Composition / information on ingredients

Aluminosilicate cenospheres. Detailed chemical composition and fraction-specific parameters are stated in the applicable SPHERON technical data sheet and batch documentation.

3. Hazards identification

Based on the information supplied by the manufacturer, cenospheres are not classified as hazardous and do not contain ingredients classified as hazardous. Airborne dust should nevertheless be minimised during handling.

4. First-aid measures

Inhalation	Move the affected person to fresh air. Seek medical advice if irritation persists.
Eye contact	Rinse carefully with clean water. Remove contact lenses if easy to do. Seek medical advice if irritation persists.
Skin contact	Wash with water and soap.
Ingestion	Rinse the mouth. Seek medical advice if discomfort occurs.

5. Fire-fighting measures

Suitable extinguishing media	The material does not burn. Select extinguishing media appropriate to the surrounding fire.
Unsuitable extinguishing media	None known for the material itself.
Specific hazards	The material is non-combustible and does not detonate.

6. Accidental release measures

Personal precautions	Avoid generating and inhaling dust. Use appropriate personal protective equipment for dusty operations.
Environmental precautions	Prevent uncontrolled release into drains and surface waters.
Cleaning method	Collect mechanically or sweep carefully while minimising dust; transfer to a suitable container.

7. Handling and storage

Handling	Use local extraction where dust may be generated. Avoid unnecessary dust formation.
Fire and explosion safety	The material does not burn and does not detonate.
Storage	Keep in a closed, dry container and protect from moisture and contamination.
Disposal	Dispose of in accordance with applicable local regulations.

8. Exposure controls / personal protection

Engineering controls	Provide aspiration or local exhaust ventilation; do not allow excessive airborne dust in the workplace.
Respiratory protection	Use suitable particulate respiratory protection where dust cannot be adequately controlled.
Eye protection	Wear safety glasses or goggles where dust exposure is possible.
Hand protection	Wear suitable work gloves and observe normal industrial hygiene.

9. Physical and chemical properties

Main constituents	Al_2O_3 and SiO_2
Physical state	Solid powder / hollow spherical particles
Colour	White to grey, depending on product series and batch
Odour	None
pH	See the applicable SPHERON technical data sheet; measured value depends on product grade and test method
Boiling point / flash point	Not applicable
Melting range	1400-1750 °C (manufacturer's source data)
Flammability / explosive properties	Not flammable / none
Oxidising properties	None
Vapour pressure / partition coefficient	Not applicable
Density / bulk density	Grade- and batch-specific; see the applicable SPHERON technical data sheet
Solubility	Insoluble in water

10. Stability and reactivity

Stability	Stable under normal storage and handling conditions.
Conditions to avoid	Avoid uncontrolled dust formation and moisture ingress.
Incompatible materials	None known under intended conditions of use.
Hazardous decomposition products	None known under intended conditions of use.

11. Toxicological information

According to the manufacturer's source information and data from similar products, cenospheres are not expected to be toxic under normal conditions of use. Mechanical irritation may occur from airborne dust. This statement does not replace workplace exposure assessment.

12. Ecological information

Mobility	Not determined
Degradability	Inorganic material; not biodegradable
Bioaccumulation	Not determined
Ecotoxicity	No adverse effects are known from the manufacturer's source information
Other adverse effects	None known

13. Disposal considerations

Dispose of product residues and packaging in accordance with applicable national and local regulations. The appropriate waste classification depends on the use and any contamination introduced during the customer's process.

14. Transport information

The material is not identified as dangerous goods in the manufacturer's source MSDS. Transport in closed, dry packaging suitable for powder materials and protect against moisture and damage.

15. Regulatory information

According to the manufacturer's source information, the material is not classified as a dangerous or hazardous substance. The recipient is responsible for verifying requirements applicable to the intended use, workplace and jurisdiction.

16. Other information

This SPHERON-branded edition has been prepared from the manufacturer's MSDS dated 20 June 2026 and the product information available on the issue date. It identifies Kazcenospheres LLP as the manufacturer and SPHERON Małgorzata Kowalska as the brand representative in Poland. The information reflects present knowledge and is intended to support safe handling. It does not constitute a guarantee of specific product properties and does not create a contractual legal relationship. Product-specific values are stated in the applicable technical data sheet and batch documentation.

Issued for SPHERON	
Name and position	Authorised signature
Małgorzata Kowalska Owner	
Łódź, 01 September 2026	