

MATERIAL SAFETY DATA SHEET

Section 1: Identification

Product Name: Cytek® FSP™ CompBeads

Product Number: B7-10011

Chemical Name/Synonyms: Not applicable.

Recommended Use: Research use only for flow cytometry and imaging applications.

Company: Cytek Biosciences, Inc.

47215 Lakeview Boulevard

Fremont, CA 94538

In an emergency, call 911.

Section 2: Hazards Identification

Hazard Classification: Eye and skin irritant (Category 2)

Signal Word(s): None

Hazard Statements: Potential skin and eye irritant. Harmful if swallowed or inhaled.

Pictograms: None

Precautionary Statements: Wear protective gloves/protective clothing/eye protection/face protection.

Rinse skin thoroughly with water, if in contact.

Description of other hazards: None

Section 3: Composition/ Information on Ingredients

The product contains no substances, which at their given concentration, are considered to be hazardous to health.

Section 4: First-Aid Measures

After skin contact: Rinse affected area thoroughly with water.

After eye contact: Flush eyes thoroughly with water.

After inhalation: If product is inhaled, move person to fresh air. Contact medical physician if necessary.

After swallowing: If product is ingested, rinse mouth with water. Contact medical physician if necessary.

Most important symptoms and effects: See section 2 and/or section 11.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Fire extinguisher

Special protective equipment for firefighters: None

Section 6: Accidental Release Measures

Personal precautions: Handle product with personal protective equipment such as gloves, clothing, and eye protection.

Measures for environmental protection: Disposal in designated trash bins/containers.

Measures for cleaning/collecting: Absorb liquid with towel or absorption pad. Spray affected area with 70% isopropanol.

Section 7: Handling and Storage

Handling: Handle with PPE. Avoid direct skin contact.

Storage: Store at room temperature or at 2-8°C if product contains proteins, peptides, or fluorescent dyes.

Section 8: Exposure Controls/Personal Protection

General protective and hygienic measures: Handle in accordance with good industrial hygiene and safety practices.

Breathing equipment: Under normal conditions, the use of this product should not require respiratory protection.

Protection of skin: Wear protective clothing and impervious gloves, as appropriate.

Eye protection: Safety glasses or chemical goggles should be worn to prevent eye contact.

Section 9: Physical and Chemical Properties

Appearance: Solids suspended in aqueous solution

Odor: Odorless

Odor threshold: Not applicable

pH: 6.5 – 7.5

Melting point/melting range: Varies. Above 150°C

Boiling point/boiling range: Varies. Above 200°C

Flash point: Not applicable

Evaporation rate: Not applicable

Flammability: None

Upper/lower flammability or explosive limits: Not applicable

Auto ignition temperature: Not applicable

Danger of explosion: None

Vapor pressure: Not applicable

Vapor density: Not applicable

Relative density: 1.00 – 1.45

Solubility in/Miscibility with water: Low

Section 10: Stability and Reactivity

Reactivity: None known.

Chemical stability: Stable under normal conditions.

Conditions to avoid: None known.

Incompatible materials: No dangerous reaction known under conditions of normal use.

Hazardous decomposition products: No data available.

Section 11: Toxicological Information

Acute toxicity: There is no evidence available indicating acute toxicity.

Potential routes of exposure/potential health effects

Skin: No data available

Eye: No data available

Inhalation: No data available

Ingestion: No data available

Carcinogenic effects: No ingredient present at levels greater than 0.1% has been identified as a probable, possible, or confirmed human carcinogen by the IARC.

Mutagenic effects: No data available

Reproductive toxicity: No data available

Sensitization: No data available

Target organs: No data available

Section 12: Ecological Information

Ecotoxicity: Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

Biodegradation: No data available
Bioaccumulation: No data available

Section 13: Disposal Considerations

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 according to approved disposal technique. Disposal of this product, its solutions or 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 regulated in the meaning of transport regulations.

UN number: Not Applicable

UN proper shipping name: Not Applicable

Transport hazard class(es): Not Applicable

Packing group: Not Applicable

Environmental hazards: Not Applicable

Special precautions for user: Not Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Applicable

Section 15: Regulatory Information

US Federal Regulations

SARA Section 313 (specific toxic chemical listings): This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): This product does not contain HAPs.

US State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

US State Regulations

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Section 16: Other Information

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