

# SAFETY DATA SHEET

1st Edition: 16 Apr 2004  
5th Edition: 05 Oct 2021

## Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

Product name:	7 µm polymer microsphere suspensions
Product code:	YZ-0194
Supplier:	Nihon Kohden Corporation
Address:	1-31-4 Nishiochiai, Shinjuku-ku, Tokyo 161-8560, Japan
Telephone number:	+81 3-5996-8041
Fax:	+81 3-5996-8100
Website for contact:	<a href="https://www.nihonkohden.com/contact/index.html">https://www.nihonkohden.com/contact/index.html</a>
Emergency telephone number:	1-800-424-9300; CHEMTREC (US) 613-996-6666; CANUTEC (Canada) +81 3-5996-8022 (Outside US and Canada)
Recommended use and restrictions on use:	Polymer microsphere suspensions for calibrating Nihon Kohden laser-based hematology analyzer

## Section 2 – Hazards Identification

GHS classification:

	Item	Classification
Physical hazards	Explosives	Not applicable
	Flammable gases	Not applicable
	Flammable aerosols	Not applicable
	Oxidizing gases	Not applicable
	Gases under pressure	Not applicable
	Flammable liquids	Classification not possible
	Flammable solids	Not applicable
	Self-reactive substances and mixtures	Classification not possible
	Pyrophoric liquids	Not classified
	Pyrophoric solids	Not applicable
	Self-heating substances and mixtures	Classification not possible
	Substances and mixtures which, in contact with water, emit flammable gases	Not applicable
	Oxidizing liquids	Classification not possible
	Oxidizing solids	Not applicable
	Organic peroxides	Not applicable
Corrosive to metals	Classification not possible	
Health hazards	Acute toxicity (oral)	Not classified
	Acute toxicity (skin)	Classification not possible
	Acute toxicity (inhalation: gases)	Classification not possible
	Acute toxicity (inhalation: vapours)	Classification not possible
	Acute toxicity (inhalation: dusts)	Classification not possible
	Acute toxicity (inhalation: mists)	Classification not possible
	Skin corrosion/irritation	Not classified
	Serious eye damage/eye irritation	Not classified
	Respiratory sensitization	Classification not possible
	Skin sensitization	Classification not possible
	Germ cell mutagenicity	Classification not possible
	Carcinogenicity	Classification not possible
	Reproductive toxicity	Classification not possible
	Specific target organ toxicity (single exposure)	Classification not possible
	Specific target organ toxicity (repeated exposure)	Classification not possible
Aspiration hazard	Classification not possible	
Environmental hazards	Aquatic toxicity (acute)	Classification not possible
	Aquatic toxicity (chronic)	Classification not possible

## GHS label elements:

Pictograms or hazard symbols:	None
Signal word:	None
Hazard statement:	Nonflammable and non-explosive. (The product is an aqueous solution.) Has low toxicity. Causes eye irritation.

**Section 3 – Composition/Information on Ingredients**

Substance/mixture:	Mixture
Composition:	Polystyrene, 0.1% Sodium lauryl sulfate, 0.025%
Hazardous ingredients:	None

**Section 4 – First Aid Measures**

Inhalation:	Blow nose and gargle with water.
Skin contact:	Wash thoroughly with running water.
Eye contact:	Immediately wash with clean water for more than 15 minutes and see a physician.
Ingestion:	Drink a lot of water or saline solution, try vomiting the product, and see a physician.

**Section 5 – Fire-fighting Measures**

Extinguishing media:	Water, powder extinguisher, carbon dioxide
Specific hazards:	The product is an aqueous solution. It is nonflammable and non-explosive. If combustion occurs after evaporation, extinguish the fire with the above extinguishing media.

**Section 6 – Accidental Release Measures**

Personal precautions, handling accidental leakage of the product and wearing protection:	When handling accidental leakage of the product, wear protection.
Environmental precautions:	Do not drain the product into public drainage or waterway.
Methods and materials for containment and cleaning up:	Use a waste cloth or sawdust to absorb the product and dispose of it.

**Section 7 – Handling and Storage**

Handling:	
Precautions:	Only use the product in specified facilities and procedures.
Storage:	
Storage conditions:	Avoid direct sunlight and store the product between 4 and 30°C (39.2 and 86°F).
Packing material:	Polyethylene

**Section 8 – Exposure Controls/Personal Protection**

Engineering measures:	Ventilation, washing and drainage
Personal protective equipment:	Wear goggles, rubber gloves and overalls.

**Section 9 – Physical and Chemical Properties and Safety Characteristics**

Appearance (physical state, color etc.):	
Physical state:	Liquid
Color:	None
Odor:	None
Solubilities:	Dissolves in water.

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**Section 10 – Stability and Reactivity**

Stability: Stable at room temperature.

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**Section 11 – Toxicological Information**

No data

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**Section 12 – Ecological Information**

No data

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**Section 13 – Disposal Considerations**

Waste of the remainder: Dispose of the product according to your local laws and your facility's guidelines for waste disposal.

Pollution container and wrapping: Dispose of the product according to your local laws and your facility's guidelines for waste disposal.

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**Section 14 – Transport Information**

IMDG: Not regulated

IATA: Not regulated

Make sure that there is no leakage. Do not turn over, drop or damage the product containers when loading.

Tie down the product containers to prevent load shifting.

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**Section 15 – Regulatory Information**

None

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**Section 16 – Other Information**

None

This data sheet is complete and accurate to the best of our knowledge but all information may not be covered. Any product may contain unknown harmful substances. This product must be handled carefully and used under the responsibility of the user, taking appropriate safety measures.