

# SAFETY DATA SHEET

1st Edition: 16 Apr 2004  
4th Edition: 18 Nov 2016

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

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| 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 3-5996-8036  |
| Fax:                                     | +81 3-5996-8100  |
| Website for contact:                     | <a href="http://www.nihonkohden.com/contact/intl.html">http://www.nihonkohden.com/contact/intl.html</a>    |
| Emergency telephone number:              | 1-800-424-9300; CHEMTREC (US)<br>613-996-6666; CANUTEC (Canada)<br>+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.)<br>Has low toxicity.<br>Causes eye irritation. |

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

|                        |  |
|------------------------|--|
| Substance/mixture:     | Mixture  |
| Composition:           | Polystyrene, 0.1%<br>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.<br>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**

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

**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**

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

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| <p>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.</p> |
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