

# SAFETY DATA SHEET

1st Edition: 23 Mar 2004  
4th Edition: 05 Oct 2021

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

Product name:	ISOTONAC
Product code:	MEK-510
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:	Diluent for Nihon Kohden hematology analyzer

## Section 2 – Hazards Identification

GHS classification:

	Item	Products 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)	Not classified
	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	Classification not possible
	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)	Not classified
	Aquatic toxicity (chronic)	Classification not possible

GHS label elements:

Pictograms or hazard symbols:	None
Signal word:	None
Hazard statement:	The product is an aqueous solution. It is nonflammable and non-explosive. Slight irritation on contact with eyes.

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### Section 3 – Composition/Information on Ingredients

Substance/mixture:	Mixture
Composition:	Ethylene glycol monophenyl ether (CAS No.: 122-99-6, concentration: 0.33%) Sodium chloride Phosphoric buffer EDTA salt
Hazardous ingredients:	None

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### Section 4 – First Aid Measures

Inhalation:	Blow nose and gargle with water.
Skin contact:	Wash thoroughly with running water.
Eye contact:	Wash thoroughly with running water and immediately see a physician.
Ingestion:	Drink water and try vomiting if large amounts are ingested.

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### Section 5 – Fire-fighting Measures

Extinguishing media:	Water, powder extinguisher, carbon dioxide
Special fire fighting procedures:	The product is an aqueous solution. It is nonflammable and non-explosive. If combustion occurs after evaporation, block the fire source and extinguish the fire using the above extinguishing media.

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### 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 large amount of the product into public drainage or waterway.
Methods and materials for containment and cleaning up:	Small spill: Use a waste cloth or sawdust to absorb the product and dispose of it. Follow your local laws when disposing of it. Large spill: Construct temporary dikes of sand to prevent spreading of the product. Collect the product in an empty container and wash out the spilled product with plenty of water.

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### Section 7 – Handling and Storage

Handling:	
Precautions:	Only use the product in specified facilities and procedures.
Storage:	
Storage conditions:	Avoid direct sunlight and store at room temperature (1 to 30°C, 33.8 to 86°F).
Packing material:	Polyethylene bag, cardboard case

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### Section 8 – Exposure Controls/Personal Protection

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

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

Appearance (physical state, color etc.):

Physical state:	Liquid
Color:	None
Odor:	Slight
pH:	7.2 to 7.6
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

Acute toxicity: No data  
Oral rat LD<sub>50</sub>: 1,260 mg/kg (Ethylene glycol monophenyl ether)

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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.