SAFETY DATA SHEET

1st Edition: 17 Aug 2016
3rd Edition: 07 Sep 2026

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

Product name:	HA-410V CAL
Product code:	YZ-005B1
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:	https://www.nihonkohden.com/contact/index.html
Emergency telephone number:	+1 800-424-9300; CHEMTREC (US)
	+1 613-996-6666; CANUTEC (Canada)
	+81 3-5996-8022 (Outside US and Canada)
Recommended use and restrictions on use:	Calibrator for Nihon Kohden Clinical Chemistry Analyzer

Section 2 – Hazards Identification

GHS classification:

Item		Products Classification
Physical hazards	Explosives	Not classified
	Flammable gases	Not applicable
	Flammable aerosols	Not applicable
	Oxidizing gases	Not applicable
	Gases under pressure	Not applicable
	Flammable liquids	Not applicable
	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	Not classified
	Substances and mixtures which, in contact with water, emit flammable gases	Not classified
	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)	Not applicable
	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	Not classified
	Reproductive toxicity	Classification not possible
	Specific target organ toxicity (single exposure)	Not classified
	Specific target organ toxicity (repeated exposure)	Not classified
	Aspiration hazard	Classification not possible
Environmental hazards	Aquatic toxicity (acute)	Not classified
	Aquatic toxicity (chronic)	Not classified

GHS label elements:

Pictograms or hazard symbols: None

Signal word: None

Hazard statement:

Risk: No risk of fire or explosion.

Harmful effect: No irritatioin if the product adheres to skin or mucous membrane (eyes, nose or throat).

Route of exposure: Inhalation, ingestion, skin contact

Section 3 – Composition/Information on Ingredients

Substance/mixture:

Composition:

Chemical Name	EINECS No.	CAS No.	Composition (w%)
Human or animal sourced material	268-338-3	—	—
Preservative or other non-hazardous component	—	—	—

Hazardous ingredients: None

Section 4 – First Aid Measures

Inhalation: This product is nonvolatile. No risk of inhalation.

Skin contact: Immediately wash with soap and running water and see a physician.

Eye contact: Wash thoroughly with running water and see a physician.

Ingestion: Wash the mouth thoroughly with water, do not force vomiting and see a physician immediately.

Section 5 – Fire-fighting Measures

Extinguishing media: Water, powder extinguisher, foam extinguisher

Specific hazards: The product is nonflammable, but when fire occurs, immediately remove the product away from fire.

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 such as rubber gloves.

Environmental precautions: Do not drain the product into public drainage or waterway.

Methods and materials for containment and cleaning up:

Clean with domestic detergent (about 5% sodium hypochlorite), wipe with a disposable towel and dispose of the used towel as medical waste.

Section 7 – Handling and Storage

Handling:

Precautions: Only use the product in specified facilities and procedures.
Do not inject or drink the product.
When dispensing, use mechanical pipetting device. Do not pipette by mouth.
Wear protection such as rubber gloves.

Safe handling advice: Although it is proved that there is no risk of infection of the product (nagative on HBs antigen, HCV antibody and HIV antibody), there may be an unknown infection.
Pay due consideration to the unknown infection and wear protection such as rubber gloves.

Storage:

Storage conditions: Strore at temperatures between 2 and 10°C (35 and 50°F).

Packing material: Grass or plastic

Section 8 – Exposure Controls/Personal Protection

Engineering measures:	Washing and drainage. No need for special ventilation system.
Personal protective equipment:	Wear protective goggles, rubber gloves and overalls.

Section 9 – Physical and Chemical Properties and Safety Characteristics

Appearance (physical state, color etc.):	
Physical state:	Lyophilization
Color:	Dark red
Odor:	None
pH:	No data
Solubility:	Dissolves in water
Auto-ignition temperature:	No data

Section 10 – Stability and Reactivity

Stability:	Stable when stored at temperatures between 2 and 10°C (35 and 50°F), until expiration date.
Incompatible substance:	No data
Possibility of hazardous reactions:	No data

Section 11 – Toxicological Information

Acute toxicity:	No data

Section 12 – Ecological Information

Ecotoxicity:	May cause ecological effect when leaked into public drainage or waterways in large amount.

Section 13 – Disposal Considerations

Remainder:	Dispose of the product as medical waste in accordance with your local laws.
Contaminated container and wrapping:	Dispose of the product container as medical waste in accordance with your local laws.

Section 14 – Transport Information

UN Number:	None
DOT regulation: Hazard class:	None
Land transeport ADR/RID (cross-border):	Not regulated.
Maritime transeport IMDG:	Not regulated.
Marine pollutant:	No
Air transport ICAO-TI and IATA-DGR:	Not regulated.
Transport/Additional information:	Not dangerous according to the above specification.

Section 15 – Regulatory Information

None

Section 16 – Other Information

References: OSHA Bloodborne Pathogens Standard (29 CFR Part 1910, 1030)

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.