

SAFETY DATA SHEET

1st Edition: 12 Mar 2014
3rd Edition: 05 Oct 2021

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

Product name: Celltac Chemi HbA1c
 Product code: HA-410V, HA-411V
 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)
 613-996-6666; CANUTEC (Canada)
 +81 3-5996-8022 (Outside US and Canada)
 Recommended use and restrictions on use: Reagent kit for Nihon Kohden Clinical Chemistry Analyzer CHM-4100

Section 2 – Hazards Identification

GHS classification: Not applicable
 GHS label elements:
 Pictograms or hazard symbols: Not applicable
 Signal word: Not applicable
 Hazard statement: In normal handling, possibility of fire is low.
 Sodium azide (component of this kit) is harmful to ingest.

Section 3 – Composition/Information on Ingredients

Substance/mixture: Mixture
 Composition:

Reagent name	Chemical Name	CAS No.	Composition (%)
A1c sample dilution	Proclin300	Not applicable	≤ 0.1%
A1c latex reagent	Sodium azide	26628-22-8	< 0.1%
	Polystyrene	9003-53-6	< 0.2%
A1c antibody reagent	Mouse anti-human HbA1c monoclonal antibodies	Not applicable	Not applicable

Please contact us if you like detailed information.

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.
 Special fire fighting procedures: Aqueous solutions is nonflammable, but when fire occurs, spray extinguishing media.

Section 6 – Accidental Release Measures

Personal precautions, handling accidental leakage of the product and wearing protection:

To avoid skin contact, wear protection such as gloves, mask, protective clothing and goggles when handling.

Environmental precautions:

Do not drain a large amount of the product into public drainage or waterway.

Methods and materials for containment and cleaning up:

Recover with nonflammable absorbent. After recovery, wash away hazard area with a lot of water.

Section 7 – Handling and Storage

Handling:

Precautions:

Only use the product in specified facilities and procedures.

Do not inject or drink the product.

Not to contact with eyes and skin, wear protection.

Storage:

Storage conditions:

Store at temperatures between 2 and 10°C (36 and 50°F) and avoid direct sunlight.

Containers material:

Polypropylene, Polyethylene terephthalate

Packing material:

Styrene form, Polyolefin film, Paper

Section 8 – Exposure Controls/Personal Protection

Engineering measures:

Washing and drainage. No need for a special ventilation system.

Personal protective equipment:

Wear protective goggles, rubber gloves and overalls.

Section 9 – Physical and Chemical Properties and Safety Characteristics

		A1c sample dilution	A1c latex reagent	A1c antibody reagent
Appearance	Physical state	Liquid	Liquid	Liquid
	Color	Colorless and transparent	Milky-white	Colorless and transparent
Odor		None	None	None
pH		Neutrality	Neutrality	Neutrality
Solubilities		Soluble in water	Soluble in water	Soluble in water

Section 10 – Stability and Reactivity

Stability:

Stable when stored at temperatures between 2 and 10°C (36 and 50°F), until expiration date.

Incompatible substance:

Metal or metallic compound (The product includes 0.1% of sodium azide.)

Possibility of hazardous reactions:

Explosive substance is created when sodium azide comes in contact with metals.

Section 11 – Toxicological Information

Acute toxicity:

No data

Oral rat LD₅₀:45 mg/kg (sodium azide)

Section 12 – Ecological Information

Ecotoxicity:

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

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.

Section 14 – Transport Information

See Section 7

Make sure that there is no damage or leakage on the product containers. Do not turn over, drop or damage the product containers when loading. Tie down the product containers to prevent load shifting.

Keep the temperature in a range from 2 to 10°C (36 to 50°F) during transportation.

Section 15 – Regulatory Information

Not applicable

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.