

CLEANAC MEK-520

General

Intended Purpose

For in vitro diagnostic use only.

CLEANAC is for in vitro diagnostic use as a surfactant-based detergent for the purpose of removing blood stains in order to clean the flow path of Nihon Kohden hematology analyzers.

Read the hematology analyzer operator's manual together with this manual before and during use.

NOTE: Read the SDS (Safety Data Sheet) carefully before use. The SDS is available from your Nihon Kohden representative.
















Devices Intended for Use in Combination with MEK-6400, MEK-6410, MEK-6420, MEK-6500, MEK-6510, MEK-7222, MEK-7300, MEK-8222


Intended Users

For laboratory professional use only, in laboratories with suitable equipment for hematological testing. Qualified personnel, e.g. laboratory technicians trained in hematology analysis techniques, will be able to use according to this operator's manual.

Symbols

The following symbols are used with the detergent. The descriptions of each symbol are given in the table below.

Symbol	Description	Symbol	Description
	Use by		Stacking limit by number ("n" is the limiting number)
	Lot number		Caution
	Catalogue number		Operator's manual; operating instructions
	Fragile		In vitro diagnostic medical device
	Keep away from sunlight		Manufacturer
	Temperature limits		Use no hand hooks
	This way up		European representative
	Keep away from rain		

Symbol	Description
	The CE mark is a protected conformity mark of the European Union.

Safety Information

⚠ CAUTION A caution alerts the user to possible injury or problems with the instrument associated with its use or misuse such as instrument malfunction, instrument failure, damage to the instrument, or damage to other property.

Pay attention to all safety information in this operator's manual.

⚠ CAUTION

- Wear protective gloves when handling the detergent.
- Do not swallow the detergent. If swallowed, rinse the mouth immediately. Do not force vomiting. See a physician.
- If the detergent contacts the eyes or mouth, wash immediately with plenty of water and see a physician.
- If the detergent contacts the skin, wash with plenty of water.

Using the Detergent

Operation Principles

CLEANAC is a detergent for hematology analyzers mainly composed of surfactant. The biggest factors that pollute the flow path of a hematology analyzer are the proteins and lipids in the blood, which fall into the "hard" category of dirt. Therefore, this product is prepared for powerful removal of such strong blood stains. It contains a strong surfactant that solubilizes blood proteins and lipids, a metal chelating agent that serves as a cleaning aid, and a buffer. By flowing a constant amount of this detergent through the flow path of hematology analyzer at regular intervals, dirt adhering to the flow path can be cleaned.

For details, refer to the hematology analyzer operator's manual.

Procedure

Connect the container with the detergent to a Nihon Kohden hematology analyzer. For the connection method, refer to the hematology analyzer operator's manual.

- NOTE
- Use the detergent without diluting or sterilizing it.
 - Be careful of splashing liquid when replacing the detergent.
 - Do not refill the detergent.
 - When using the detergent, be careful that no dust, bacteria or other contaminants enter the container.

Technical Information

Composition

Active ingredients:

Polyoxyethylene tridecylether: 0.049%

Environmental Conditions

Storage and Transport Environment

Temperature: 1 to 30°C (34 to 86°F)
(Do not freeze and keep away from sunlight.)

Operating Environment

Temperature: 15 to 30°C (59 to 86°F)

Expiration Date

The expiration date is shown on the package.

Shelf Life Date After Opening the Package

Use the detergent within 180 days of opening.

Package and Catalog Number

Model	Qty	Catalog Number
MEK-520	5L × 1 container	T438

Disposal

When disposing of the detergent, such as when the expiration date is past, follow the instructions on the SDS of the detergent.

NOTE: Dispose of the detergent according to your local laws and your facility's guidelines for waste disposal (for incineration, melt treatment, sterilization and disinfection). Otherwise, it may affect the environment.

Revision History

Edition	Date	Details	Code Number
1st Edition	01 Dec 2014	Initial issue	0614-907472
2nd Edition	22 Feb 2022	IVDR compliance	0614-907976

- NOTE
- The code number of this manual was changed from 0614-907472 to 0614-907976 when the manual was updated from 1st Edition to 2nd Edition.
 - Changes made in the most recent edition are indicated by a bar in the left margin of each page.

Note for users in the territory of the EEA and Switzerland:
Any serious incident that has occurred in relation to the device must be reported to the European Representative designated by the manufacturer and the Competent Authority of the Member State of the EEA and Switzerland in which the user and/or patient is established.

Copyright Notice

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