



Technical Data Sheet

NucleaseClear

AM1020-100 ML

PRODUCT OVERVIEW

NucleaseClear Decontamination Solution thoroughly eliminates RNase contamination from both glass and plastic surfaces. Formulated with three active ingredients known for their RNase-degrading properties, it is highly effective even against heavy contamination—surpassing the performance of many comparable products. NucleaseClear has been successfully used to decontaminate reaction vessels, and when properly rinsed, it leaves no residue that could interfere with enzymatic reactions.

Usage Guidelines

NucleaseClear Solution comes pre-mixed and ready for immediate use.

- ⇒ Do not dilute, as this will reduce the solution's effectiveness. If precipitation occurs (which may happen at lower temperatures), gently shake the container and/or warm it to 37°C to fully dissolve the precipitate.

To clean work surfaces

- ⇒ Apply NucleaseClear Solution directly to the surface, wipe thoroughly with a paper towel, rinse with water, and dry using a clean paper towel.

To clean lab instruments

- ⇒ Generously apply NucleaseClear Solution onto a paper towel and thoroughly wipe all exposed surfaces of the apparatus. Rinse with water and then dry with a clean cloth. Small components can be cleaned by briefly soaking them in NucleaseClear Solution, followed by rinsing with water and drying.

For cleaning plastic and glass containers

- ⇒ Add or spray sufficient NucleaseClear Solution to coat the entire inner surface of the vessel by swirling, or vortexing in the case of centrifuge and microfuge tubes. After discarding the solution, rinse the vessels thoroughly twice with distilled water.

For the maintenance of pipettors

- ⇒ Disassemble the shaft from the pipettor following the manufacturer's instructions. Remove the seals and gaskets from the shaft, then soak the shaft in NucleaseClear Solution for one minute. Rinse the shaft thoroughly with water before reassembling the pipettor.

STORAGE CONDITIONS

- Avoid direct contact with chemicals. Use appropriate personal protective gear, including safety glasses, gloves, and protective clothing, when working with chemicals.
- Avoid inhaling chemicals. Keep chemical containers closed when not in use. Always work in a well-ventilated area, such as under a fume hood.
- Follow all relevant local, regional, and national regulations regarding chemical storage, handling, and disposal.

STORAGE CONDITIONS

NucleaseClear is stored at 2-25 °C.

FOR RESEARCH PURPOSE

Intended for research purposes exclusively. Unsuitable for therapeutic or diagnostic applications in humans or animals.