



Technical Data Sheet

- BRIEF DESCRIPTION -

Neutrad is the perfect safer alternative to old-fashioned caustic soap powders in every manual-scrub cleaning procedure! An instantly soluble liquid detergent concentrate with near neutral-pH, Neutrad is substrate-safe and skin-kind. The phosphate-free nature of Neutrad, its inherent rinsability characteristics and broad-spectrum cleaning capabilities are advantages that make it suitable for all critical laboratory cleaning applications. It is phosphate-free, chlorine-free, biodegradable, and disposable straight to drain.

- USE PROCEDURE -

Scrub. Optimum scrub procedure is to prepare a 2% solution (approximately 2.5 ounces per gallon) in hand-hot water. Neutrad does not precipitate hard water salts so regular tap water may be used. Manually scrub until clean. Rinse thoroughly in warm water while still wet.

Ultrasonics. For use in ultrasonic tank, prepare a 5% solution. Immerse labware to be cleaned totally and sonicate for 5 to 30 minutes. Rinse thoroughly, while still wet.

- pH PROBE CLEANING -

pH probes should not be cleaned in acidic or alkaline cleaning solutions. Neutrad has a near-neutral pH and is the agent of choice for cleaning pH probes.

Recommended procedure is as follows:

Prepare a 5% solution of Neutrad in deionized water. Agitate the contaminated tip of the probe in this solution for one or two minutes, then allow probe to stand in solution for 2-4 hours depending on the degree of contamination. Remove and immediately rinse thoroughly in deionized water.

- RINSABILITY -

The phosphate-free nature of Neutrad, its inherent rinsability characteristics and broad spectrum

cleaning capabilities are advantages that make it suitable for all critical laboratory cleaning applications. Neutrad's near-neutral pH makes it a safer alternative to caustic soap powders.

Neutrad is a complex cleaning agent that contains non-ionic detergents. The rinsability test applicable to a non-ionic detergent will be effective in checking for the correct and total rinsing of any article that has been cleaned in Neutrad.

A Colorimetric Method for the detection of detergent residue has been developed by CHEMetrics, Inc. Neutrad can be detected as low as 0.25 ppm using the Detergent Kit Number K-9400. Further information can be found at www.chemetrics.com or Chemetrics Labs, Route 28, Calverton, VA 22016, (800) 356-3072.

- PACKAGING -

950 mL (32 oz.) Squeeze Pack / 12 per case
5 Liters (1.32 gal.) / 4 per case
20 Liters (5.28 gal.) / each

- CATALOG NUMBERS -

<u>Manufacturer</u>	<u>Item</u>	<u>Cat. No.</u>
Decon Labs, Inc.	950 mL (32 oz.)	3003
	5 L (1.32 gal.)	3001
	20 L (5.28 gal.)	3002

For Additional Technical Information call

Decon Customer Service

(800) 332-6647, or

See our website at www.deconlabs.com

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