



CONTRAD[®] 100

Technical Data Sheet

- BRIEF DESCRIPTION -

Contrad 100 is a low-foaming alkaline liquid detergent formulated for Clean-In-Place systems. Contrad 100 is effective in removing a wide variety of contaminants from stainless steel, glass, and plastic surfaces. Its low-foaming characteristics prevent pump cavitation and excessive residual foam. Contrad 100 is extremely free-rinsing, phosphate-free and disposable straight to the drain.

- USE PROCEDURE -

Contrad 100 is supplied as a concentrate for dilution. Deionized water is preferred for preparing working solutions. CIP systems and other pressure washing equipment will be equipped with an automatic pumping system which dispenses the concentrate into the flow of water at a specified rate. If this is the case, simply place the machines dip tube into the container of Contrad 100 and adjust the pump to meter out the appropriate amount.

The required concentration of Contrad 100 will vary accordingly to the severity of cleaning task. Solution strengths between 0.5 % and 5 % v/v are the most commonly employed. The solution strength and temperature can be increased to handle extremely stubborn or water-resistant contamination. For assistance in determining the appropriate solution concentration of your application, please call Decon Laboratories at (800) 332-6647.

- RINSABILITY -

Contrad 100 is extremely free-rinsing, so it is ideal for critical cleaning applications in pharmaceutical, biotechnology, and medical device process equipment. Rinsing with copious amounts of deionized water is sufficient to remove all residual cleaning solution.

- PRECAUTIONARY STATEMENT -

Contrad 100 is alkaline and therefore is a severe eye irritant and mild skin irritant. Always wear eye protection gloves, and appropriate protective clothing when handling. Because of high pH value, Contrad 100 should never be used to clean non-ferrous metals.

- GMP VALIDATION AND RESIDUE DETECTION -

Contrad 100 may be used in process equipment that require GMP validation, In these applications, it will be necessary to detect and qualify the amounts of trace residues in order to determine if these residues fall within the allowable limits. Analytical methods used to detect and quantify trace residues include Total Organic Carbon (TOC), HPLC, UV-VIS, Conductivity, Ion Chromatography, Titration, Calorimetry and others. For assistance in determining which method is best suited to your particular applications, please call Decon Labs at (800) 332-6647.

- DISPOSAL -

Contrad 100 contains no generally recognized pollutants and therefore may be disposed straight to drain with adequate dilution and/or neutralization.

- PACKAGING -

- 3.8 Liters (1.0 Gal.) / 4 per case
- 20 Liters (5.28 Gal.) / each
- 115 Liters (30 Gal.)/each
- 210 Liters (55 Gal.) / each

- CATALOG NUMBERS -

<u>Manufacturer</u>	<u>Item</u>	<u>Cat. No.</u>
Decon Labs, Inc.	3.8 L (1.0 Gal.)	1504
	20L (5.28 Gal.)	1503
	115 L (30 Gal.)	1506
	210 L (55 Gal.)	1505

**For Additional Technical Information call
Decon Customer Service
(800) 332-6647, or**

See our website at www.deconlabs.com

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