



# CONTRAD® NF Technical Data Sheet

### - BRIEF DESCRIPTION -

*Contrad NF is a non-foaming concentrated liquid detergent designed for high-pressure cleaning applications – laboratory and industrial automatic washing machines, CIP systems, steam washers, etc. Phosphate-free and chlorine-free, Contrad NF is particularly recommended for critical cleaning of labware, where total rinsability and residue-free results are vital; and for plant cleaning, such as biotechnology and pharmaceutical production equipment.*

### - USE PROCEDURE -

Contrad NF should be diluted using deionized or distilled water where available to avoid the likelihood of precipitating hardness salts from untreated water. Similarly, for best results, deionized or distilled water should be used for rinse cycles.

Dispense Contrad NF according to labware washing machine manufacturer's instructions. If you do not have an automatic dispensing unit, calculate the gallon volume in the dishwasher's wash cycle, Add one oz. of Contrad NF per gallon of water to arrive at a solution suitable for most applications. The concentration can be increased if contaminants are difficult to remove.

Contrad NF is stable across a wide temperature range and may be used with cold or hot water wash systems. It is totally non-foaming, although it may create mild saponification when used in removing proteins, Rinse thoroughly while still wet.

### - RINSABILITY -

Presented as a liquid concentrate, Contrad NF presents no solubility problems and has proven totally rinsable from glass, plastic, and metal surfaces. It contains no chlorine and is considered safe to use on stainless steel.

### - TOTAL ORGANIC CARBON -

Contrad NF has a Total Organic Carbon content of 3.7 % by weight in its concentrated form. A TOC analysis may therefore be used to determine rinsed state of a surface cleaned with Contrad NF.

### - DISPOSAL -

Contrad NF contains no generally recognized pollutants and therefore may be disposed directly to drain. It is highly alkaline and some neutralization of effluent may be required.

### - CAUTION -

Contrad NF is highly alkaline and must be handled and used with care. Always wear hand, face, eye, and clothing protection when handling Contrad NF. Severe eye irritant, treat as caustic burns.

### - PACKAGING -

- 3.8 Liters (1.0 Gal.) / 4 per case
- 10 Liters (2.64 Gal.) / 2 per case
- 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.)	6002
	10L (5.28 Gal.)	6001
	115 L (30 Gal.)	6003
	210 L (55 Gal.)	6055

**For Additional Technical Information call  
Decon Customer Service  
(800) 332-6647, or  
See our website at [www.deconlabs.com](http://www.deconlabs.com)**

®Decon Labs, Inc.

Revised 11/16/06