



# Formulation

No. 5033

## 4X Ultra Concentrated Natural Liquid Laundry Detergent

### DESCRIPTION

Formula features **Suga®Boost 050** and **Cola®Lux LO**

### FORMULATION

Order	INCI Name	Trade Name	%
1	Functionalized Alkyl Poly Glucosides	<b>Suga®Boost 050</b>	70.70
2	Lauramine Oxide	<b>Cola®Lux LO</b>	24.20
3	Propanediol	Zemea® <sup>1</sup>	5.00
4	Citric Acid		qs

### PROCEDURE

1. Combine ingredients in order with adequate mixing between additions.
2. Adjust pH to 7.0 – 8.0 with citric acid.

### TYPICAL PROPERTIES

Appearance      Clear Liquid  
pH                    7.0 – 8.0  
Viscosity          450 cps

### SUPPLIERS

<sup>1</sup> Dupont Tate & Lyle

### SPECIAL NOTE

4X Ultra Concentrated Natural Liquid Laundry Detergent is highly concentrated and designed to produce the best results when measured and used accordingly:

Medium or Small Loads:      3/4 oz.

Large or Heavily Soiled Loads:      1 oz.

For tough stains, pretreat by pouring liquid laundry detergent directly onto fabric. Rub gently into fabric and soak for five minutes.

**Colonial Chemical, Inc.** *Natural Surfactants*

225 Colonial Drive • South Pittsburg, TN 37380 • Phone: 423-837-8800 • Fax: 423-837-3888

Technical information contained herein is believed to be accurate. However, it is furnished without charge or obligation and is given and accepted at the recipient's sole risk. No guarantee of the accuracy of the information is made and the products discussed are sold without conditions or warranties expressed or implied. No warranties beyond the guarantee that Colonial Chemical products are manufactured to specs are expressed or implied, since the use of material is beyond our control. Purchasers should make their own tests and determine suitability of the product for their particular purposes. Nothing contained herein shall be considered a recommendation for any use that may infringe upon patent rights. Safety information regarding this product is contained in its Safety Data Sheet.

© 2020, Colonial Chemical, Inc. All rights reserved.

**Updated 12/2020**