



Critical-cleaning detergents for laboratory, healthcare and industrial applications

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-distributors  
-technical information  
-free samples  
-new developments



# Detonox™

## Ultimate Precision Cleaner

- Concentrated to save you money
- Exceptional cosmetic and pharmaceutical polymer, cream and lotion removal
- Non-caustic for greater worker safety and greater material compatibility
- Free rinsing to give you reliable results and no interfering residues

**Used to remove:** Cosmetic bases and formulations, organics, grease, tars, resins, waxes, fats, oils, titanium and zinc oxides, ointments and lotions.

**Surfaces cleaned:** Recommended for glass, stainless steel, PTFE, ceramic, cement and solvent resistant plastics and metals. Corrosion testing is advisable.

**Cleaning method:** Soak, circulate under immersions, ultrasonic cleaners, and manual cleaning.

### Directions:

Make a fresh 1-3% solution (1 1/4 - 3 3/4 oz. per gal. or 10-30 ml per liter) in cold, warm or hot water. If available, use very hot water to clean cosmetic residues. For difficult soils, raise water temperature and use more detergent. Elevation of temperature is true under most circumstances. Check with Alconox Inc, for use of hot water if products contain Titanium Oxide (TiO) or Zinc Oxide (ZnO) as they are notable exceptions to heat expediting dexterity. Clean by soak, circulate, wipe or ultrasonic method. Not for spray machines, will foam. RINSE THOROUGHLY—preferably with running water. For critical cleaning, do final or all rinsing in purified water.

**Caution:** Contains anionic and nonionic surfactants with phosphate chelating agents. May cause skin and eye irritation. Wear eye protection and chemical resistant gloves.

Available in Convenient Sizes:	Alconox Cat. #
1 Gallon Bottle (3.8 L)	2301-1
Case 4 x 1 Gallons (4 x 3.8L)	2301
5 Gallon Pail (19 L)	2305
55 Gallon Drum (208 L)	2355
*** 1 Gal. makes up to 100 Gal. cleaning solution – 1 L makes 100 L	



To request FREE samples, contact us at [cleaning@alconox.com](mailto:cleaning@alconox.com) or call ++914-948-4040

**PHYSICAL DATA**

**pH (2.5% DI Water):**

Typical value

10.3

**Specific gravity: (g/ml)**

1.17

**Density: (lbs./gal.)**

9.7

**Flash Point: (degrees F – open cup)**

>212 deg F

**Phosphate Content: (as Phosphorus)**

6.4% as P

**Fragrance Content:**

None

**Surface Tension 1% Sol'n (Dyne/cm):**

32

**Appearance:**

Pale, yellow liquid – nearly odorless

**Solubility in Water:**

Soluble in all proportions

**Biodegradability:**

Biodegradable

**Foam Tendency:**

High Foaming

**Shelf Life:**

Two years from date of manufacture

**Chemical Description:**

Detonox contains anionic and nonionic detergent with wetting agents and emulsifiers with phosphate builders.

**Cleaning Validation Methods:**

Parameters measured include: conductivity, Total Organic Carbon, spectrographic methods, and HPLC.

**Health Safety Information:**

**NFPA:**

**OSHA Hazardous Ingredients:** None

Flammability

**DOT Hazard Class:** not-regulated

Health

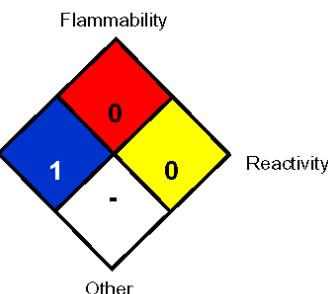
**EPA Priority Pollutants:** None

Reactivity

**RCRA Hazard Classification:** Non-hazardous

Other

**Eye Irritation:** Eye irritant



**Latex Content:** None in detergent, packaging materials or adhesives.

**Carcinogenicity:**

**NTP = No IARC = No OSHA = No**

All ingredients in Detonox are listed in TSCA inventory.

**Precautions:**

Avoid contact with skin, eyes and clothing. Do not take internally. In case of contact immediately flush skin with plenty of water. For eyes, flush with plenty of water for at least 15 minutes and get medical attention immediately. Material Safety Data Sheet available from Alconox, Inc.

Contact Alconox, Inc. for purchase specifications. Information presented is typical. Not to be taken as specifications.

While the information in this report should not be considered to be a product warranty, we urge you to investigate, test and verify the suitability of Alconox detergents for your specific application. We, of course, can not give permission to use, or recommend the use of, our detergents where they infringe patents. No representation or warranty is made as to the safety of products or materials mentioned under the Federal Food Additives Amendment of 1958.  
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