

24-Hour Emergency Number  
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## DETOJET® Low-Foaming Liquid Detergent

- Concentrated to save you money
- Biodegradable and disposable
- Low-foaming heavy duty detergent for high performance results from your cleaning machinery
- Free rinsing to provide reliable results and no interfering residues
- Use to pass cleaning validation tests for lab accreditation and plant inspection approval

**Used to clean:** Hospital instruments, laboratory ware, optical components, pharmaceutical apparatus, cosmetics manufacturing equipment, tissue culture ware, plate glass, metal castings, forgings and stampings, industrial parts, animal cages, electronic components, tanks and reactors. Authorized by USDA for use in federally inspected meat and poultry plants. FDA certified.

**Used to remove:** Soil, grit, grime, slime, grease, tars, resins, fats, oils, blood, tissue, particulates, inorganic residues, chemicals and solvents.

**Surfaces cleaned:** Recommended for glass, stainless steel, ceramic, cement and alkali-resistant plastics and metals such as stainless steel. Corrosion testing is advisable.

**Cleaning method:** Laboratory warewashers, dishwashers, washer-sterilizers, washer-sanitizers, cart washers, spray washers, electrocleaning, ultrasonic cleaners flow through clean-in-place and manual cleaning if proper skin and eye protection is used.

**Directions:** Follow machine manufacturers directions. Not intended for powder detergent receptacles. If available, use liquid detergent reservoir, connecting tubes or metering pump. In general, use 1/2–1% solution in hot water wash cycle (1 1/4–2 1/2 tbsp per gal, 3/4–1 1/4 oz per gal, or 5–10 ml per L). Most machines need 2 1/2 oz added at a typical 2 gal. wash cycle. For soak, circulate or ultrasonic use, make a 1% solution in cold, warm or hot water. For difficult soils, raise water temperature and use more detergent. Wear protective gloves and

eyewear when handling. RINSE THOROUGHLY—preferably with running water. For critical cleaning, do final or all rinsing in distilled, deionized or purified water. For food contact surfaces, rinse with potable water. Used on a range of alkali resistant glass, ceramic, plastic and metal surfaces. Corrosion testing is advisable. Material compatibility guidelines available on request.

Convenient Sizes	Alconox Cat. #
Case 12 x 1 qt (12 x 0.95L)	1632
Case of 4 x 1 gal (4 x 3.8L)	1601
5 gal (19L) drum	1605
15 gal (57L) drum	1615
55 gal (208L) drum	1655
1 gal makes 200 gal (1 L makes 200L) solution	



DETOJET is available from leading laboratory, hospital, clinical and industrial suppliers. To find a distributor for Alconox, Inc. detergents, use the Locate Dealers search tool in the Support section of alconox.com. To request FREE samples, use the Get Samples form at alconox.com. Or call Alconox, Inc. at +914.948.4040, today.

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Physical Data	Typical Value
<b>pH</b> (as is)	12.4
<b>Surface Tension 1% Sol'n</b> (dyne/cm)	55
<b>Conductivity 1% Sol'n</b> (mS/cm at 21 degrees C)	0.7
<b>Form</b>	Liquid
<b>Color</b>	Clear
<b>Solubility in Water</b>	Completely soluble in all proportions
<b>Hard Water Effectiveness</b>	Highly effective
<b>Biodegradability</b>	Yes, meets EC648/2004
<b>Foam Tendency</b>	Low foaming
<b>Shelf Life</b>	24 months from end of month of manufacture
<b>Fragrance and Dye Content</b>	0%
<b>Phosphate Content</b> (as phosphorus)	2.3%
<b>Flash Point</b> (degrees F)	None
<b>Density</b> (lb/gal)	10.8
<b>Organic Carbon</b> (% calculated w/w)	0.5%

### Chemical Description

DETOJET is a highly alkaline detergent containing potassium hydroxide, silicate of soda and sodium hypochlorite. It should be used with caution and the precautions on the label should be followed. DETOJET is nonionic.

### Cleaning Validation Methods

To quantify trace levels of Citranox for cleaning validation purposes, use conductivity or phosphate analysis. For details see the Cleaning Validation page in Support at alconox.com. For lab accreditation tests to show the detergent is rinsed away, see the Accreditation Residue Detection in the Support section of alconox.com.

### Health Safety Information

<b>OSHA Hazardous Ingredients</b>	None
<b>RCRA Hazard Class</b>	Nonhazardous. Undiluted material may be hazardous and require regulatory compliance.
<b>EPA Priority Pollutants</b>	None
<b>DOT Hazard Class</b>	UN 1760, Corrosive Liquid, n.o.s. (contains potassium hydroxide and sodium hypochlorite), 8, PG II
<b>Flammability</b>	Nonflammable
<b>Latex Content</b>	None in product or packaging.
<b>Irritation</b>	Cat. 2 skin, Cat. 2A eye irritant
<b>Oral Toxicity</b>	LD <sub>50</sub> > 500 mg/kg oral rat.
<b>Inhalation Toxicity</b>	Nonirritating
<b>VOC Content</b>	0%
<b>GMO Content</b>	None
<b>BSE/TSE Source</b>	None
<b>2007/68/EC Annex IIIa Allergens</b>	None
<b>REACH Art. 57 (SVHC)</b>	None
<b>RoHS</b>	No RoHS hazardous ingredients.
<b>Carcinogenicity</b>	<b>NTP</b> = No <b>IARC</b> = No <b>OSHA</b> = No
<b>Ingredients on TSCA Inventory</b>	Yes
<b>EC 907/2006</b>	Contains no enzymes, optical brighteners, perfumes, allergenic fragrances, or preservative agents.

### Precautions

Avoid contact with skin, eyes and clothing. Do not take internally (see Directions). 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. A Safety Data Sheet is available at alconox.com.

Contact Alconox, Inc. for purchase specifications. Information presented is typical. Not to be taken as specifications. Typical data is not a specification.

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, Inc. 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.