ALCONOX

Critical-cleaning detergents for laboratory, healthcare and industrial applications

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24 Hour Emergency Number
(CHEM-TEL) (800) 255-3924 in U.S.

(e-mail) cleaning@alconox.com

(URL) http://www.alconox.com
- **distributors**
- **technical information**
- **free samples**
- **new developments**



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 give you reliable results and no interfering residues
- Use to pass your 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, chemical 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 liter—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.

Convenient Sizes	Alconox Cat. #
Case 12 x 1 Quarts	1632
Case 4 x 1 Gallons	1601
5 Gal. Drum	1605
30 Gal. Drum	1630
15 Gal. Drum	1615
55 Gal. Drum	1655
1 gal. makes up to 200 gal. cleaning solution	



Detojet is available from leading laboratory, hospital, clinical and industrial suppliers. To find a distributor for Alconox, Inc. detergents, visit “Find Dealer” at the website. To request FREE samples, visit Sample Request at www.alconox.com, write or call Alconox, Inc. today.

MS 02.35.01.00.06.1

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PHYSICAL DATA	TYPICAL VALUE
pH of 1% solution	12.4
Specific gravity (g/ml)	1.3
Density (lbs./gal.)	10.8
Flash Point (degrees F)	None
Phosphate Content (as Phosphorus)	2.3%
Organic Carbon (% calculated w/w)	0.1-1.0%
Fragrance Content	0%
Surface Tension 1% Sol'n (Dyne/cm)	55

Color: Clear
Form: Liquid
Solubility in Water: Completely soluble in all proportions
Hard Water Effectiveness: Highly Effective
Biodegradability: Biodegradable
Foam Tendency: Low Foaming
Shelf Life: Two years from the date of manufacture

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 non-ionic.

Cleaning Validation Methods:

Test a parameter of rinse water before and after rinsing the cleaned surface, or test the surface. No significant change in the parameter indicates no detectable residue. Parameters measured include: pH, conductivity, IC, phosphate analysis, sodium or potassium concentration, and surface analysis. For deails see the Pharmaceutical Cleaning validation References at www.alconox.com

Health Safety Information:

OSHA Hazardous Ingredients: None
RCRA Hazard Class: 1% or less—Non-hazardous. Undilute material—may be hazardous and require regulatory compliance.
EPA Priority Pollutants: None
DOT Hazard Classification: UN 1760, Corrosive Liquid, n.o.s. (contains potassium hydroxide and sodium hypochlorite),8, PG II
Eye Irritation: Serious eye irritant
Latex Content: None in detergent, packaging materials or adhesives.
VOC Content: 0%
Oral Toxicity: LD_{50} >500 mg/kg oral rat
Carcinogenicity:
NTP = No **IARC =** No **OSHA =** No
All ingredients in Detojet are listed in TSCA inventory.

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 Material Safety Data Sheet is available at www.alconox.com or by calling fax-on-demand at 914-948-4040 and following the prompts. Use fax document #0316.

Contact Alconox, Inc. for purchase specifications. Information presented is typical. 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 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.

MS 02.35.01.00.06.1

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