

Critical-cleaning detergents for laboratory, healthcare and industrial applications

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Solujet®

Low-Foaming Phosphate-Free Liquid Detergent

- Concentrated to save you money
- Phosphate-free, biodegradable and readily disposable
- Low foaming high wetting detergent for maximum performance
- Free rinsing to give you reliable results and no interfering residues
- Ideal for CIP cleaning and floor standing lab washing machines

Used to clean: Pharmaceutical process equipment, water testing labware, phosphate sensitive lab equipment cleaning, hospital instruments, 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. USDA authorized category A1 for use in food contact surface cleaning. FDA certified.

Used to remove: Soil, radioisotopes, radioactivity, organics, grit, grime, slime, grease, tars, resins, fats, oils, blood, tissue, particulates, inorganic residues, chemical and solvents.

Surfaces cleaned: Recommended for glass, stainless steel, PTFE, ceramic, cement and alkali resistant plastics and metals such as stainless steel. Solujet is inhibited for Aluminum. Corrosion testing is advisable. Clean-in place, laboratory warewashers, dishwashers, washer-sterilizers, washer-sanitizers, cart washers, spray washers, electrocleaning, ultrasonic cleaners, 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 4 X 1 Gallon Bottles	2101
5 Gallon Pail	2105
15 Gallon Drum	2115
30 Gallon Drum	2130
55 Gallon Drum	2155

1 gal. makes up to 200 gal. cleaning solution



Solujet is available from leading laboratory, hospital, clinical and industrial suppliers. To find a distributor for Alconox, Inc. detergents, call or visit our Dealers Section of the website at www.alconox.com. To request FREE samples, call or visit our Sample Request Page, write or call Alconox, Inc. today.

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PHYSICAL DATA

	TYPICAL VALUE
pH of 1% solution	12.2
Specific gravity: (g/ml)	1.31
Density: (lbs./gal.)	10.91
Flash Point (degrees F)	None
Phosphate Content (as Phosphorus)	0%
Organic Carbon (% calculated w/w)	6%
Fragrance Content:	0%
Surface Tension 1% Sol'n (Dyne/cm)	33
Percent active ingredients	100%
Color: Clear	
Form: Liquid	
Solubility in Water: Completely Soluble	
Hard Water Effectiveness: Highly Effective	
Biodegradability: Biodegradable	
Foam Tendency: Low Foaming	
Shelf Life: Two years from the date of manufacture	

Chemical Description:

Solujet is a highly alkaline detergent containing potassium hydroxide, silicate of soda, and surfactants.

Cleaning Validation Methods:

Parameters measured include: pH, conductivity, resistance, spectrographic methods, total organic carbon, and surface analysis. Call or visit www.alconox.com for a copy of the pharmaceutical cleaning validation references.

Health Safety Information:

OSHA Hazardous Ingredients: None
RCRA Hazard Class: 1% non hazardous, undiluted material maybe hazardous
EPA Priority Pollutants: None
DOT Hazard Classification: UN 1760, Corrosive Liquid, n.o.s. (contains potassium hydroxide), 8, PG II
Eye Irritation: Serious eye irritant
Oral Toxicity: LD₅₀ >500 mg/kg oral rat
Latex Content: None in detergent, packaging materials or adhesives.
VOC Content: 0%
Carcinogenicity:
NTP = No IARC = No OSHA = No
All ingredients in Solujet are listed in TSCA inventory. USDA NSF cat A1

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. 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 # 0421.

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.