

24-Hour Emergency Number  
(ChemTel) 888.255.3924 in U.S.  
cleaning@alconox.com

alconox.com

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## ALCOJET® Low-Foaming Powdered Detergent

- Concentrated to save you money
- Biodegradable and readily disposable
- Nonionic, low-foaming cleaner for high performance from your cleaning machinery without damaging washer parts
- Free rinsing to give you reliable results and no interfering residues
- For FDA cleaning validations and food contact surface cleaning

**Used to clean:** Healthcare instruments, laboratory ware, sampling apparatus, plate glass, pharmaceutical and cosmetics manufacturing equipment, restaurant equipment, wine glasses, counters, floors, sidewalks and driveways, metal castings, forgings and stampings, industrial parts, tanks and reactors.

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

**Surfaces cleaned:** Corrosion inhibited formulation recommended for glass, metal, stainless steel, porcelain, ceramic, grout, plastic, rubber and fiberglass. Can be used on soft metals such as copper, aluminum, zinc and magnesium if rinsed promptly. Corrosion testing may be advisable.

**Cleaning method:** Labware washers, water-sterilizers, washer-sanitizers, cart washers, cage washers, spray washers, electrocleaning, ultrasonic cleaners, flow through clean-in-place. Manual cleaning if proper skin and eye protection is used.

**Directions:** Follow machine manufacturer's directions and use machine's powder detergent receptacles. In general, use 1/2–1% in hot water wash cycle solutions (1 1/4–2 1/2 tbsp per gal, 3/4–1 1/4 oz per gal, or 5–10 g per L). Most machines need 2 1/2 oz added to a typical 2 gal wash cycle. For manual, soak, circulate, or ultrasonic use, make a 1% solution in warm or hot water. For non-abrasive scrubbing,

make paste. For difficult soils, raise water temperature and use more detergent. Wear protective gloves and eyewear for manual cleaning. 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 wide range of glass, ceramic, plastic, and metal surfaces.

Convenient Sizes	Alconox Cat. #
Case 9 x 4 lb (9 x 1.8 kg) jars	1404
25 lb (11 kg) box	1425
50 lb (22 kg) box	1450
100 lb (45 kg) drum	1401
300 lb (136 kg) drum	1403
1 lb makes 26 gal (1 kg makes 200L) cleaning solution	



ALCOJET passes inhibitory residue test for water analysis and is FDA certified. ALCOJET 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 of 1% Solution</b>	11.0
<b>Surface Tension 1% Sol'n</b> (dyne/cm)	32
<b>Conductivity 1% Sol'n</b> (mS/cm at 21 degrees C)	8
<b>Form</b>	Powder
<b>Color</b>	White
<b>Solubility in Water</b>	Greater than 10% (w/w)
<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 Content</b>	0%
<b>Phosphate Content</b> (as phosphorus)	8.7%
<b>Flash Point</b> (degrees F)	None
<b>Organic Carbon</b> (% calculated w/w)	1.5%

### Chemical Description

Alcojet is a blend of sodium silicate, a mixture of complex phosphate, concentrated organic chlorine, sodium carbonate, and an alkylalkoxylate. Alcojet is biodegradable and water soluble. Alcojet contains nonionic surfactants.

### Cleaning Validation and Residue Detection

To quantify trace levels of Alcojet for cleaning validation purposes, use conductivity, TOC, HPLC, or phosphorus detection. For details see the Cleaning Validation page in Support at [alconox.com](http://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](http://alconox.com).

### Health and Safety Information

<b>OSHA Hazardous Ingredients</b>	None
<b>RCRA Hazard Class</b>	Nonhazardous
<b>EPA Priority Pollutants</b>	None
<b>DOT Hazard Class</b>	Nonhazardous
<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> > 5000 mg/kg oral rat.
<b>Inhalation Toxicity</b>	Solution: No, Powder dust: irritant
<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. 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](http://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.