ALCONOX

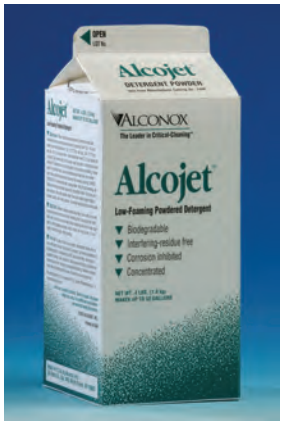
Critical-cleaning detergents for laboratory, healthcare and industrial applications

30 Glenn Street
White Plains NY 10603 USA
Tel.914.948.4040
Fax.914.948.4088

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**



Alcojet ®

Low-Foaming Powdered Detergent

- Concentrated to save you money
- Biodegradable and readily disposable
- Non-ionic, 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
- Use to pass your cleaning validation tests for lab accreditation and plant inspection approval

Used to clean: Healthcare instruments, laboratory ware, sampling apparatus, plate glass, pharmaceutical apparatus, cosmetics manufacturing equipment, restaurant equipment, wine glasses, counters, floors, sidewalks and driveways, metal castings, forgings and stampings, industrial parts, tanks and reactors. Authorized by USDA for use in federally inspected meat and poultry plants. Passes inhibitory residue test for water analysis. FDA certified.

Used to remove: Soil, grit, grime, slime, grease, tars, resins, fats, oils, blood, tissue, inorganic residues, particulates, solvents, 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: Laboratory warewashers, 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% 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 grams per liter—most machines need 2 1/2 oz. added at a typical 2 gal. wash cycle). For manual, soak, circulate, or ultrasonic use, make a 1% solution in warm or hot water. For 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. Corrosion testing may be advisable.

Convenient Sizes:	Alconox Cat. #
Case 9 x 4 lb. Boxes	1404
25 lb. Carton	1425
50 lb. Carton	1450
100 lb. Drum	1401
300 lb. Drum	1403
1 lb. makes up to 26 gal. cleaning solution	



Alcojet 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 02.05.01.00.06.3

ALCONOX

Critical-cleaning detergents for laboratory, healthcare and industrial applications

30 Glenn Street
White Plains NY 10603 USA
Tel.914.948.4040
Fax.914.948.4088

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**

PHYSICAL DATA	TYPICAL VALUE
pH of 1% solution	11.0
Flash Point (degrees F)	None
Phosphate Content (as Phosphorus)	8.7%
Organic Carbon (% calculated w/w)	1.5%
Surface Tension 1% Sol'n (Dyne/cm)	34
Percent active ingredients	100%
Fragrance and Dye content:	0%

Color: White
Form: Powder
Solubility in Water: Greater than 10% (w/w)
Hard Water Effectiveness: Highly Effective
Biodegradability: Biodegradable
Foam Tendency: Low Foaming
Shelf Life: Two years from the date of manufacture

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. The phosphate content is 8.7% expressed as phosphorus. Alcojet is non-ionic.

Cleaning Validation Methods:

Test a parameter of rinse water before and after rinsing the cleaned surface, or test the clean surface. No significant change in the parameter indicates no detectable residue. Parameters measured include: pH, conductivity, resistance, spectrographic methods, sodium concentration, phosphorus concentration, surface tension, and surface analysis. For details see the Pharmaceutical Cleaning Validation References at www.alconox.com

Health Safety Information:

OSHA Hazardous Ingredients: None
Flammability: Non-flammable
Latex Content: None in detergent, packaging materials or adhesives.
Oral Toxicity: LD_{50} > 5000 mg/kg oral rat
No ingredient defined as an oral toxicant by OSHA
Eye Irritation: Moderate eye irritant if not rinsed
Inhalation Toxicity: Non-irritating solution, powder a potential irritant
VOC Content: 0%
Carcinogenicity:
NTP = No **IARC** = No **OSHA** = No
All ingredients in Alcojet are listed in TSCA inventory. USDA NSF cat A1

Precautions:

No special precautions other than good industrial hygiene and safety practices employed with any industrial chemical (see Directions). A Material Safety Data Sheet is available at www.alconox.com.

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 02.05.01.00.06.3

© 2010 Alconox, Inc.