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**



Tergajet®

Low-Foaming Powdered Detergent

- Concentrated to save you money
- Phosphate-free, biodegradable and readily disposable
- Use to pass your cleaning validation tests for lab accreditation and plant inspection approval
- Low foaming heavy duty detergent for high performance results
- Free rinsing to give you reliable results and no interfering residues
- Ideal for under-counter and floor standing lab washing machines

Used to clean: Water testing labware cleaning, 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 food contact surface cleaning compliant. 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. Tergajet is inhibited for Aluminum. Corrosion testing is advisable.

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

Directions: Follow machine manufacturer's directions and use the 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 a paste. 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 wide range of glass, ceramic, plastic and metal surfaces. Corrosion testing is advisable.

Convenient Sizes:	**Alconox Cat. #**
Case 9 x 4 lb. Boxes	**2204**
25 lb. Carton	**2225**
50 lb. Carton	**2250**
100 lb. Drum	**2201**
300 lb. Drum	**2203**
1 lb. makes up to 26 gal. cleaning solution	



Tergajet 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.

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PHYSICAL DATA	**TYPICAL VALUE**
pH of 1% solution	11.5
Flash Point (degrees F)	None
Phosphate Content (as Phosphorus)	0%
Organic Carbon (% calculated w/w)	8.5%
Surface Tension 1% Sol'n (Dyne/cm)	33
Percent active ingredients	100%

Color: White
Form: Powder
Solubility in Water: Completely Soluble to 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

Tergajet is a highly alkaline detergent containing sodium carbonate, silicate of soda, and surfactants. Tergajet is biodegradable and water soluble. Tergajet is non-ionic.

Cleaning Validation Methods:

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

Health Safety Information:

OSHA Hazardous Ingredients: None
RCRA Hazard Class: Non-hazardous
EPA Priority Pollutants: None
DOT Hazard Classification: Non-hazardous
Eye Irritation: Serious eye irritant
Oral Toxicity: LD_{50} <5000 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 Tergajet 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 #0422.

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.

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