

24-Hour Emergency Number
(ChemTel) 888.255.3924 in U.S.

cleaning@alconox.com

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TERGAJET® Low-Foaming Phosphate-Free Powder

- Concentrated to save you money
- Phosphate-free, biodegradable and readily disposable
- For FDA cleaning validations and food contact surface cleaning
- Low-foaming heavy duty detergent for high performance results
- Free rinsing to provide reliable results and no interfering residues
- Ideal for under-counter and floor-standing lab washing machines

Used to clean: Water testing labware, phosphate-sensitive lab equipment, hospital instruments, optical components, pharmaceutical and cosmetics manufacturing equipment, tissue culture ware, plate glass, metal castings, forgings and stampings, industrial parts, animal cages, electronic components, tanks and reactors.

Used to remove: Soils, radioisotopes, radioactivity, organics, grit, grime, slime, grease, tars, resins, fats, oils, blood, tissue, particulates, inorganic residues, chemicals 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: Labware washers, dishwashers, washer-sterilizers, washer-sanitizers, cart washers, spray cabinet washers, electrocleaning, ultrasonic cleaners, clean-in-place and manual cleaning.

Directions: Follow machine manufacturers directions and use the 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 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. Used on a wide range of glass, ceramic, plastic and metal surfaces. Corrosion testing is advisable. Material compatibility guidelines available on request.

Convenient Sizes	Alconox Cat. #
Case 9 x 4 lb (9 x 1.8 kg) jars	2204
25 lb (11 kg) box	2225
50 lb (22 kg) box	2250
100 lb (45 kg) drum	2201
300 lb (136 kg) drum	2203
1 lb makes 26 gal (1 kg makes 200L) cleaning solution	



TERGAJET passes inhibitory residue test for water analysis and is FDA certified. TERGAJET 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.

TJTB.3

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Physical Data	Typical Value
pH of 1% Solution	11.5
Surface Tension 1% Sol'n (dyne/cm)	33
Conductivity 1% Sol'n (mS/cm at 21 degrees C)	8.9
Form	Powder
Color	White
Solubility in Water	Completely soluble to 10% (w/w)
Hard Water Effectiveness	Highly effective
Biodegradability	Yes, meets EC648/2004
Foam Tendency	Low foaming
Shelf Life	24 months from end of month of manufacture
Fragrance Content	0%
Phosphate Content (as phosphorus)	0%
Flash Point (degrees F)	None
Organic Carbon (% calculated w/w)	8.5%

Chemical Description

Tergajet is an alkaline detergent containing sodium carbonate, silicate of soda, and surfactants. Tergajet contains nonionic surfactants.

Cleaning Validation and Residue Detection

To quantify trace levels of Tergajet for cleaning validation purposes, use conductivity, TOC, or HPLC. For details see the Cleaning Validation page in Support at 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.

Health and Safety Information

OSHA Hazardous Ingredients	None
RCRA Hazard Class	Nonhazardous
EPA Priority Pollutants	None
DOT Hazard Class	Nonhazardous
Flammability	Nonflammable
Latex Content	None in product or packaging.
Irritation	Cat. 2 skin, Cat. 2A eye irritant
Oral Toxicity	LD ₅₀ > 5000 mg/kg oral rat.
Inhalation Toxicity	Solution: No, Powder dust: irritant
VOC Content	0%
GMO Content	None
BSE/TSE Source	None
2007/68/EC Annex IIIa Allergens	None
REACH Art. 57 (SVHC)	None
RoHS	No RoHS hazardous ingredients.
Carcinogenicity	NTP = No IARC = No OSHA = No
Ingredients on TSCA Inventory	Yes
EC 907/2006	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.

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.

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