

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

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## KEYLAJET®

### Low-Foaming Chelating Alkaline Detergent

- Concentrated to save you money
- Corrosion inhibited formula
- Caustic liquid detergent with chelators
- Free rinsing to provide reliable results and no interfering residues
- For tough-to-clean residues on hard surfaces

**Used to clean:** Manufacturing equipment, cosmetics residues, injection molds, fouled metal parts in marina, automotive, aerospace, and oil and gas maintenance and repair operations such as filters, fins, exchangers, pump heads, steel engine blocks, exhaust systems, and more; metal castings, forgings and stampings, industrial parts, pipes, tanks and reactors. Use to clean steel prior to passivation.

**Used to remove:** Hard to clean soils, grit, grime, slime, grease, buffing compounds, oils, particulates, deposits, chemical and solvents, mold releases, metal oxides, and many more.

**Surfaces cleaned:** Corrosion inhibited formulation recommended for hard metals, steels, stainless steel, porcelain, ceramic, rigid plastics, cement, and elastomers. Do not use on soft metals such as copper, aluminum, zinc and magnesium.

**Cleaning method:** Soak, spray, brush, sponge, cloth, ultrasonic, flow through clean-in-place, agitation, or automated washing. Please ensure gasket compatibility.

**Directions:** Make a fresh 1% solution (2 1/2 tbsp per gal, 1 1/4 oz per gal, or 10 ml per L) in warm or hot water. For difficult soils or to remove metal oxides, raise water temperature and use more detergent, up to 10% by volume. Clean by soak, circulate, wipe, spray, or ultrasonic method. RINSE THOROUGHLY—preferably with running water.

For critical cleaning, do final or all rinsing in distilled, deionized or purified water. Corrosion testing may be advisable for high-carbon steels, and may require rust preventative application post-cleaning. Material compatibility guidelines available on request.

Convenient Sizes	Alconox Cat. #
5 gal jerrycan (19L)	2405
15 gal drum (57L) special order	2415
55 gal drum (208L)	2455
265 gal tote (1000L) special order	2465
1 gal makes 100 gal (1 L makes 100L) solution	



KEYLAJET 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</b> (as is)	13+
<b>Surface Tension 1% Sol'n</b> (dyne/cm)	33
<b>Conductivity 1% Sol'n</b> (mS/cm at 21 degrees C)	0.7
<b>Form</b>	Liquid
<b>Color</b>	Pale yellow
<b>Solubility in Water</b>	Completely soluble in all proportions
<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 and Dye Content</b>	0%
<b>Phosphate Content</b> (as phosphorus)	1%
<b>Flash Point</b> (degrees F)	None
<b>Organic Carbon</b> (% calculated w/w)	2.8%
<b>Density</b> (lb/gal)	10.8

### Chemical Description

KEYLAJET consists primarily of a homogeneous blend of potassium hydroxide, sodium hydroxide, phosphate, surfactants, and chelators.

### Cleaning Validation Methods

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. For lab accreditation tests to show the detergent is rinsed away, see the Accreditation Residue Detection in the Support section of alconox.com.

### Health 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>	UN1760, Corrosive liquid, N.O.S. (Contains sodium hydroxide and potassium hydroxide), 8, PGI
<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> > 2000 mg/kg oral rat.
<b>Inhalation Toxicity</b>	Nonirritating. Mists would be irritating.
<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

No special precautions other than good industrial hygiene and safety practices employed with any industrial chemical (see Directions). 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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