

Keylajet

Low-foaming chelating alkaline detergent

- Concentrated to save you money
- Corrosion inhibited formula
- Caustic liquid detergent with chelators
- Free rinsing to give you 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 maintenance and repair operations from marinas to automotive to aerospace to oil & gas, 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 much 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

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 liter) 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. For food contact surfaces, rinse with potable water. Corrosion testing may be advisable for high-carbon steels, and may require rust preventative application post-cleaning.

Keylajet™ is available from leading laboratory, hospital, clinical and industrial suppliers.



Convenient sizes
5 gallon jerrycan (19L) . .
15 gallon drum (57L)
55 gallon drum (208L)
265 gallon tote (1000L)
1 gallon of concentrate makes up to 100 gallons of cleaning solution

Chemical Description

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

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, UV, TOC, HPLC, sodium concentration, phosphorus concentration, anionic surfactant concentration using inexpensive detergent water testing kits, surface tension, and surface analysis. For details call ERE Inc. at 1-888-287-3732.

Health Safety Information

OSHA Hazardous Ingredients:	None
RoHS:	No RoHS hazardous ingredients
EPA Priority Pollutants:	None
DOT Hazard Class:	UN1760, Corrosive liquid, N.O.S. (Contains sodium hydroxide and potassium hydroxide), 8, PGII
Flammability	Non-flammable
Latex Content	None in detergent, packaging materials or adhesives.
Oral Toxicity	LD50 >1000 mg/kg (Rat, Oral)
Eye Irritation	Causes serious eye damage. Wear protective splash goggles when using.
Inhalation Toxicity	Non-irritating in use form. Mists would be irritating.
VOC Content	0%
Carcinogenicity	NTP = No IARC = No OSHA = No All ingredients in Keylajet are listed in TSCA inventory.

Physical data	Typical value
pH as is	13+
Specific gravity (g/ml)	1.3
Density (lbs./gal.)	10.8
Flash Point (degrees F)	None
Phosphate Content (as Phosphorus)	1.0%
Organic Carbon (% calculated w/w)	2.8%
Fragrance and Dye Content	0%
Surface Tension 1% Sol'n (Dyne/cm)	33
Color:	Pale Yellow
Form:	Liquid
Solubility in Water:	Completely soluble in all proportions
Hard Water Effectiveness:	Highly Effective
Biodegradability:	Biodegradable
Foam Tendency:	Low Foaming
Shelf Life:	Two years from month of manufacture

Precautions

No special precautions other than good industrial hygiene and safety practices employed with any industrial chemical (see SDS). Contact ERE 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 detergents for your specific application. We, of course, cannot 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.