

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

[cleaning@alconox.com](mailto:cleaning@alconox.com)

[alconox.com](http://alconox.com)

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## HALOJET®

### High Dispersing, Low-Foaming Alkaline Detergent

- Concentrated to save you money
- High dispersing for effective complete metal oxides pigment removal
- Low foaming for efficient automated washing system and CIP use
- Free rinsing to give you reliable results and no interfering residues
- Low foam emulsifiers for tough-to-clean residues on hard surfaces
- Corrosion inhibited formula

**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, 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 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. Corrosion testing may be advisable for high-carbon steels, and may require rust preventative application post-cleaning.

Convenient Sizes	Alconox Cat. #
5 Gallon (19L) jerrycan	2605
15 gallon (57L) drum	2615
55 gallon (208L) drum	2655
265 gallon (1003L) tote	2665
1 gallon of concentrate makes up to 100 gallons of cleaning solution	



HALOJET 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](http://www.alconox.com), write or call Alconox Inc. today.

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Physical Data	Typical Value
<b>pH</b> (as is)	12
<b>Surface Tension 1% Sol'n</b> (dyne/cm)	30
<b>Form</b>	Liquid
<b>Color</b>	Light yellow
<b>Solubility in Water</b>	Completely soluble in all proportions
<b>Hard Water Effectiveness</b>	Highly effective
<b>Biodegradability</b>	Biodegradable
<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)	None
<b>Flash Point</b> (degrees F)	None
<b>Organic Carbon</b> (% calculated w/w)	18%
<b>Density</b> (lbs./gal.)	9.3
<b>Specific Gravity</b> (g/ml)	1.12

### Chemical Description

HALOJET consists primarily of a homogeneous blend of potassium hydroxide, dispersants, 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, and TOC. For details contact technical support at Alconox Inc.

### Health Safety Information

<b>OSHA PEL Hazards</b>	None
<b>EPA Priority Pollutants</b>	None
<b>DOT Hazard Class</b>	UN1760, Corrosive liquid, n.o.s. (Contains potassium hydroxide), 8, PGI
<b>Flammability</b>	Non-flammable
<b>Latex Content</b>	None in detergent, packaging materials or adhesives.
<b>Oral Toxicity</b>	LD50 >1000 mg/kg (rat, oral)
<b>Inhalation Toxicity</b>	Non-irritating in use form. Avoid inhaling spray or mist.
<b>VOC Content</b>	0%
<b>RoHS</b>	No RoHS hazardous ingredients
<b>Carcinogenicity</b>	<b>NTP = No IARC = No OSHA = No</b>
<b>Eye Irritation</b>	Causes eye irritation. Wear protective equipment when using.

All ingredients in HALOJET are listed in TSCA inventory.

### 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 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.

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