

24-Hour Emergency Number
(VelocityEHS) 1-800-255-3924 in U.S.

cleaning@alconox.com

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HALOJET® Low-Foam High Emulsification Cleaner

- 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

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 stainless steel prior to passivation.

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

Surfaces cleaned: Recommended for hard metals, steels, stainless steel, porcelain, ceramic, rigid plastics, cement, and elastomers.

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 3% solution (8 Tbsp/US gal, 4 oz/US gal or 30 ml/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, the initial rinse should be close to or the same temperature

as the cleaning step to avoid thermal shock to micelles which could lead to redeposition of soils. 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
55 gallon (208L) drum	2655
275 gallon (1041L) tote	26275
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, LLC detergents, use the Locate Dealers search tool at alconox.com. To request samples, fill out our request form at alconox.com.

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Physical Data	Typical Value
pH 1% Sol'n	9.5
Surface Tension 1% Sol'n (dyne/cm)	29
Form	Liquid
Color	Pale yellow
Solubility in Water	Completely soluble in all proportions
Hard Water Effectiveness	Highly effective
Biodegradability	Biodegradable
Foam Tendency	Low-foaming*
Shelf Life	24 months from end of month of manufacture
Fragrance and Dye Content	0%
Inorganic Phosphate Content	None
Flash Point (degrees F)	> 200 °F
Organic Carbon (% calculated w/w)	18%
Density (lbs./gal.)	8.7
Specific Gravity (g/ml)	1.04

*Low-foaming at temperatures above 50 °C

Chemical Description

Halojet consists primarily of a homogeneous blend of dispersants, surfactants, and chelators.

Cleaning Validation and Residue Detection

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, LLC.

Health and Safety Information

OSHA PEL Hazards	None
EPA Priority Pollutants	None
DOT Hazard Class	None
Flammability	Non-flammable
Latex Content	None in detergent, packaging materials or adhesives.
Inhalation Toxicity	Non-irritating in use form. Avoid inhaling spray or mist.
VOC Content	0%
RoHS	No RoHS hazardous ingredients
Carcinogenicity	NTP = No IARC = No OSHA = No
Eye damage/irritation	Causes serious eye damage/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, LLC 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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