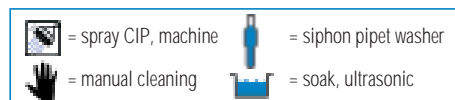




Available Worldwide from
leading laboratories, scientific,
healthcare and industrial suppliers

Biodegradable. Concentrated. Interfering residue free. Alconox detergents set the standard for critical cleaning. Scientists, engineers and professionals specify Alconox detergents in their cleaning procedures for optimum economy, environmental safety and performance.



Alconox® Powdered Precision Cleaner

Original general-purpose powder for manual, soak, and ultrasonic cleaning of glass, metal, and plastic. No interfering residues. Has inhibitory residue test. USDA/FDA compliant. Dilute 1:100, pH 9.5

Size	Mfr Cat No
4 lb box (1.8 kg)	1104-1
CS 9X4 lb (9X1.8 kg)	1104
25 lb box (11 kg)	1125
50 lb box (22.5 kg)	1150
100 lb drum (45 kg)	1101
300 lb drum (136 kg)	1103
50X0.5 oz packs (50X15g)	1112-1
CS 12X50 packs	1112

Liquinox™ Critical Cleaning Liquid Detergent

Original general-purpose, phosphate-free liquid for manual, soak, and ultrasonic cleaning of glass, metal, and plastic. No interfering residues. Has inhibitory residue test. USDA/FDA compliant. Dilute 1:100, pH 8.5

1qt Bottle (0.95 L)	1232-1
CS 12X1 qt (12X.95 L)	1232
1gal Bottle (3.8 L)	1201-1
CS 4X1 Gal (4X3.8 L)	1201
5 gal jerrycan (19 L)	1205
15 gal drum (57 L)	1215
55 gal drum (209 L)	1255

Citranox® Liquid Acid Cleaner and Detergent

Liquid acid cleaner for manual, soak and ultrasonic cleaning or acid neutralizing. Corrosion-inhibited for glassware, metals, and plastic. Surfactant rinse aids for no interfering residues. Has inhibitory residue test. USDA and FDA compliant. Dilute 1:100, pH 2.5.

1 qt bottle (0.95 L)	1832-1
CS 12X1 qt (12X.95 L)	1832
1 gal bottle (3.8 L)	1801-1
CS 4X1 gal (4X3.8 L)	1801
5 gal jerrycan (19 L)	1805
15 gal drum (57 L)	1815
55 gal drum (209 L)	1855

Alcotabs® Tablet Pipet Detergent

Effervescent detergent tablet for maximum cleaning in siphon pipet washers. Slow release bubbles and free rinsing give no interfering residues. Has inhibitory residue test. Use 2 tabs/wash, pH 6.5

100 tablet bottle	1500-1
CS 6X100 bottles	1500

Luminox® Low-Foaming Neutral pH Liquid Detergent

Low-foaming, neutral pH detergent for use in manual, ultrasonic, and machine cleaning. Safe-handling detergent used for noncorrosive, light-duty cleaning. No chelation or alkaline waste treat problems. Free rinsing, eliminating interfering residues. Dilute 3:100, pH 7.0

Size	Mfr Cat No
1 gal bottle (3.8 L)	1901-1
CS 4X1 gal (4X3.8 L)	1901
15 gal drum (57 L)	1915
30 gal drum (114 L)	1930
55 gal drum (209 L)	1955

Tergazyme™ Enzyme-Active Powdered Detergent

Enzymatic cleaner for manual, soak, and ultrasonic cleaning of proteins, tissue, and body fluids from glass, metals, and plastic, with no interfering residues. Cleans filter membranes, fermenters and bioreactors. Has inhibitory residue test. FDA/USDA compliant. Dilute 1:100, pH 9.5

4 lb box (1.8 kg)	1304-1
CS 9X4 lb (9X1.8 kg)	1304
25 lb box (11 kg)	1325
50 lb box (22.5 kg)	1350
100 lb drum (45 kg)	1301
300 lb drum (136 kg)	1303

Detergent 8® Low-Foaming Ion-Free Liquid Detergent

Nonionic detergent for PC board washing machines, manual, and ultrasonic cleaning. Ion- and chelate-free for no conductive residues on electronics and no chelate interference in waste. Phosphate free. Dilute 3:100, pH 11

1gal bottle (3.8 L)	1701-1
CS 4X1 gal (4X3.8 L)	1701
5 gal jerrycan (19 L)	1705
15 gal drum (57 L)	1715
55 gal drum (209 L)	1755

Detojet™ Low Foaming Liquid Detergent

Heavy-duty alkaline degreaser. Nonionic liquid for labware and machine washers, manual, and ultrasonic cleaning. Corrosion-inhibited for glass, metals, and plastic. No interfering residues. Has inhibitory residue test. USDA/FDA compliant. Dilute 1:200, pH 12

1 qt bottle (0.95 L)	1632-1
CS 12X1 qt (12X.95 L)	1632
1 gal bottle (3.8 L)	1601-1
CS 4X1 gal (4X3.8 L)	1601
5 gal can (19 L)	1605
15 gal drum (57 L)	1615
30 gal drum (114 L)	1630
55 gal drum (209 L)	1655

Alcojet® Low Foaming Powdered Detergent

General-purpose nonionic powder for labware and machine washers, manual, and ultrasonic cleaning. Corrosion-inhibited for glassware, metals, and plastic. No interfering residues. Has inhibitory residue test. USDA authorized. Dilute 1:200, pH 11.5

Size	Mfr Cat No
4 lb box (1.8 kg)	1404-1
CS 9X4 lb (9X1.8 kg)	1404
25 lb box (11 kg)	1425
50 lb box (22.5 kg)	1450
100 lb drum (45 kg)	1401
300 lb drum (136 kg)	1403

Tergajet™ Low-Foaming Phosphate-Free Powder

Phosphate-free, nonionic powder for machine washers, hand, and ultrasonic cleaning. Corrosion-inhibited for labware. For water, microbiology, and environmental labs. No interfering residues. Has inhibitory residue test. USDA compliant. Dilute 1:200, pH 11.5

4 lb box (1.8 kg)	2204-1
CS 9X4 lb (9X1.8 kg)	2204
25 lb box (11 kg)	2225
50 lb box (22.5 kg)	2250
100 lb drum (45 kg)	2201
300 lb drum (136 kg)	2203

Solujet™ Low-Foaming Phosphate-Free Liquid

Nonionic liquid for machine, spray-CIP, manual, soak, and ultrasonic cleaning. High emulsifying and penetrating formula. Corrosion-inhibited for glass, metals, and plastic. No interfering residues. Has inhibitory residue test.

USDA and FDA compliant. Dilute 1:200, pH 12	
1 gal bottle (3.8 L)	2101-1
CS 4X1 gal (4X3.8 L)	2101
5 gal can (19 L)	2105
15 gal drum (57 L)	2115
30 gal drum (114 L)	2130
55 gal drum (209 L)	2155

Citrajel® Low-Foam Liquid Acid Cleaner/Rinse

Liquid acid cleaner for machine, spray-CIP, manual, and ultrasonic cleaning or acid neutralizing. Corrosion-inhibited for glassware, metals, and plastic. Surfactant rinse for no interfering residues. Has inhibitory residue test. USDA/FDA compliant. Dilute 1:100, pH 2.5.

1 gal bottle (3.8 L)	2001-1
CS 4X1 gal (4X3.8 L)	2001
5 gal can (19 L)	2005
15 gal drum (57 L)	2015
30 gal drum (114 L)	2030
55 gal drum (209 L)	2055

D E T E R G E N T S E L E C T I O N G U I D E

Application Key Concerns	Articles Cleaned/ Soil Removed	Cleaning Method	Recommended Cleaner Powder	Recommended Cleaner Liquid	
Healthcare/Veterinary Effective preparation for sterilization, longer instrument life. Reduce waste.	Surgical, anaesthetic, and examining instruments and equipment. Catheters and tubes.	Manual, Ultrasonic, Soak Machine washer, sani-sterilizer	ALCONOX ALCOJET	LIQUINOX (p-free) DETOJET	
	Blood, body fluids, tissue on instruments.	Manual, Ultrasonic, Soak	TERGAZYME		
Pharmaceutical/Medical Device/Biotechnology Passing cleaning validation for FDA good manufacturing practices. For stainless steel, glass, plastic, elastomer cleaning.	Titanium dioxide, petrolatum, oils, emulsions, ointments, carbopols, lacquers, zinc oxides, proteins, steroids, alcohols, sugars, and Eudragit* (L/S/L30/D55/NE30D) polymers.	Manual, Ultrasonic, Soak Machine washer, power wash, CIP	ALCONOX ALCOJET TERGAJET (p-free)	LIQUINOX (p-free) SOLUJET (p-free)	
	Inorganic residues, salts, metallics, pigments. Eudragit* (E/RL/RS/E100) polymers, amphoteric, coatings, amines, ethers, starches, alkaloids.	Manual, Ultrasonic, Soak Machine washer, power wash, CIP		CITRANOX CITRAJET	
	Protein/ferment residues. R/O, U/F membranes.	Manual, Ultrasonic, Soak	TERGAZYME	SOLUJET (p-free)	
Laboratory/Environmental Reproducible results, no interfering residues, extending equipment life. Keep laboratory accreditation. Laboratory safety.	Glass, metal, plastic labware, ceramics, tissue culture, porcelain, clean rooms, animal cages, bioreactors, tubing, benches, safety equipment.	Manual, Ultrasonic, Soak Machine, power spray, labware washer, washer-sterilizer, cage-washers	ALCONOX ALCOJET TERGAJET (p-free)	LIQUINOX (p-free) DETOJET SOLUJET (p-free)	
	Tubes, reusable pipets.	Siphon-type washer-rinsers	ALCOTABS (tablet)		
	Microbiology, water lab, and environmental sampling. Phosphate-sensitive labware. EPA procedures. (Acid for water rinse cycle.)	Field, Manual, Ultrasonic, Soak Machine washer, labware washer	TERGAJET (p-free) TERGAJET	LIQUINOX (p-free) SOLUJET-base CITRAJET-acid	
	Radioactive equipment/contaminants.	Manual, Ultrasonic, Soak	ALCONOX	LIQUINOX	
	Stopcock grease.	Machine washer, warewasher	ALCOJET	SOLUJET	
	Trace metals, metal oxides, scale, salts, starches, amines.	Manual, Ultrasonic, Soak Machine washer, warewasher		CITRANOX CITRAJET	
	Proteinaceous soils, bio-wastes, tissue, blood and other body fluids, fermentation residues.	Manual, Ultrasonic, Soak Glassware washer	TERGAZYME ALCOJET	SOLUJET	
	Metalworking, Precision Manufacturing, and Optics Clean parts, avoid volatile solvents, strong acids, and other hazardous chemicals.	Glass, ceramic, porcelain, stainless steel, plastic, rubber. Oils, chemicals, particulates.	Manual, Ultrasonic, Soak Machine washer, power wash	ALCONOX ALCOJET TERGAJET (p-free)	LIQUINOX (p-free) DETOJET SOLUJET (p-free)
		Aluminum, brass, copper, and other soft metal parts. Oils, chemicals, particulates (acid for oxides, salts, buffing compound).	Manual, Ultrasonic, Soak Parts washer, power wash	ALCONOX TERGAJET (p-free) ALCOJET TERGAJET (p-free)	LIQUINOX-base CITRANOX-acid SOLUJET-base CITRAJET-acid
		Inorganics, metallic complexes, trace metals and oxides, scale, salts, metal brightening.	Manual, Ultrasonic, Soak Parts washer, power wash		CITRANOX CITRAJET
Silicone oils, mold-release agents, buffing compounds.		Manual, Ultrasonic, Soak Parts washer, pressure spray	ALCONOX ALCOJET	CITRANOX SOLUJET (p-free)	
Delicate substrates/neutral for waste.		Manual, Ultrasonic, Soak Machine wash, pressure spray		LUMINOX (Neutral pH)	
Electronics Avoid conductive residues, avoid CFCs, pass cleaning criteria.		Circuit boards, assemblies, screens, parts, conductive residues, resins, rosins, fluxes, particulates, salts.	Manual, Ultrasonic, Soak Machine washer, power spray board and screen washers		DETERGENT 8
	Ceramic insulators and components.	Manual, Ultrasonic, Soak Parts washers	ALCONOX ALCOJET	LIQUINOX (p-free) SOLUJET	
Foodservice & Food Manufacturing Avoid interfering residues on food-contact equipment and effectively remove soils found in food operations.	Stainless steel, food-contact equipment.	Manual, Ultrasonic, Soak	ALCONOX	LIQUINOX	
	Fryers and restaurant equipment.	Machine wash, pressure wash, CIP	ALCOJET	DETOJET	
	Oxides, scale, trace metals, salts, milkstone.	Manual, Ultrasonic, Soak Machine wash, pressure wash, CIP		CITRANOX CITRAJET	
	Filter membranes. Proteins/biofouling.	Manual, Ultrasonic, Soak	TERGAZYME		
Cosmetics Avoid cross-contamination.	Product contact surfaces (acids for pigments and salts).	Manual, Ultrasonic, Soak Parts washers, power spray	ALCONOX ALCOJET	LIQUINOX-base CITRANOX-acid SOLUJET-base CITRAJET-acid	
	Nuclear Avoid waste interference.	Reactor cavities, pipes, tools, protective equipment.	Manual, Soak, Spray	DETERGENT 8	

p-free =phosphate-free

* Eudragit is a ® registered trademark of Röhm GmbH & Co.

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