

DETERGENT SELECTION GUIDE

INDUSTRY/APPLICATION KEY CONCERNS	ARTICLES CLEANED/SOIL REMOVED	CLEANING METHOD	CLEANER: Powder	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 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 SOLUJET	
	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	
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 TERGAJET	LIQUINOX SOLUJET-base CITRAJET-acid	
	Radioactive equipment/contaminants. Stopcock grease.	Manual, Ultrasonic, Soak Machine washer, warewasher	ALCONOX ALCOJET	LIQUINOX 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/ 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) DETONOX DETOJET SOLUJET (p-free)
		Aluminum, brass, copper, and other soft metal parts. Oils, chemicals, particulates (acid for oxides, salts, buffing compounds).	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
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 SOLUJET	
Foodservice & Food Manufacturing Avoid interfering residues on food-contact equipment and effectively remove soils commonly found in food operations. For complete foodservice detergent selection guide, visit AlconoxFoodservice.com .	Stainless steel, glass, and food production equipment.	Manual, Ultrasonic, Soak Machine wash, pressure wash, CIP	ALCONOX ALCOJET	LIQUINOX	
	Oxides, scale, trace metals, salts, milkstone and corrosion.	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	DETONOX-base CITRANOX-acid SOLUJET-base CITRAJET-acid	
	Reactor cavities, pipes, tools, protective equipment.	Manual, Soak, Spray		DETERGENT 8	

p-free = phosphate-free

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

To purchase detergent contact your laboratory, healthcare, or industrial supply company.