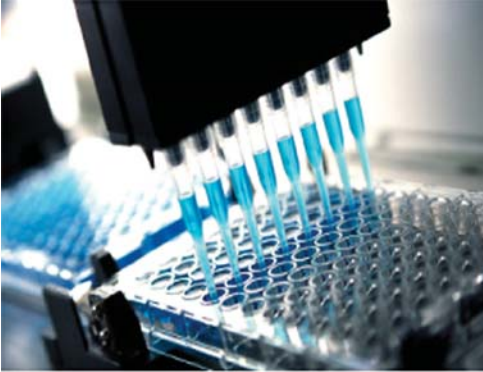


SPECIALLY FORMULATED CLEANERS FOR THE PHARMACEUTICAL INDUSTRY CLEAN TANKS, GLASSWARE, INSTRUMENTS, EQUIPMENT AND MEDICAL DEVICES



International Products Corporation (IPC) offers a full line of free-rinsing precision concentrated cleaners that are effective in a wide range of critical cleaning applications. An economical 1-2% concentration in water is effective for most cleaning applications. Our line of cleaners can deliver the critical/precision cleaning needed to meet the most rigorous specifications for cleanliness. All of our cleaners are NSF registered, USDA-A1 cleaners and can be validated in FDA processes. Validation methods and health and safety data are available upon request. All cleaners are free of solvents, phosphates, silicates, phenols, and Substances of Very High Concern.

Laboratory research shows: To ensure an effective sanitization of pharmaceutical processing equipment, it is essential for the surfaces to be thoroughly cleaned first.

IPC Cleaner Benefits

- Free-rinsing, does not leave residues or product build-up
- Fast, effective soil removal
- Excellent on stainless steel, glassware, ceramics and most plastics
- NSF-registered, USDA-A1 cleaners with low VOCs, solvent free, no phosphates, and non-corrosive
- Concentrated liquid formulas for easy dilution
- Competitively priced
- **FREE** technical support and material compatibility testing
- **FREE SAMPLES** available for testing

**Sample validation methods are available.*

MATCH OUR FREE-RINSING CLEANER TO YOUR SOIL

IPC CLEANERS	pH	TYPICAL SOILS REMOVED
Micro-90 [®] Alkaline Cleaning Solution	9.7	Gels, Emulsifiers, Oils, Titanium Dioxides, Dyes, Silicons, Fragrances, Petrolatum, Paraffins
Micro [®] Green Clean Biodegradable Cleaner	9.8	Gels, Emulsifiers, Oils, Titanium Dioxides, Dyes, Silicons, Fragrances, Petrolatum, Paraffins
Micro [®] A07 Citric Acid Biodegradable Cleaner	3.0	Insoluble salts, Oxides
Surface-Cleanse/930 [®] Neutral Cleaner	6.5	Emulsifiers, Gels, Oils, Dyes, Fragrances, Petrolatum, Paraffins
LF2100 [®] Liquid Low-Foam Alkaline Cleaner	9.7	Gels, Emulsifiers, Oils, Titanium Dioxides, Dyes, Silicons, Fragrances, Petrolatum, Paraffins
Zymit [®] Low-Foam Liquid Low-Foam Enzyme Cleaner	7.5	Blood, Emulsifiers, Fingerprints, Fragrances, Gels, Proteins, Starch
Zymit [®] Pro Liquid Enzyme Cleaner	7.5	Blood, Emulsifiers, Fingerprints, Fragrances, Gels, Proteins



Put our cleaners to the test and see for yourself how well they perform!

Allow us to provide you with a free, no-obligation sample of our cleaners to test in your most challenging process.

Contact us today for your **free sample** and product information at:

Email: PHARMA@IPCOL.COM US Phone: **609-386-8770** Web: WWW.IPCOL.COM

INDUSTRIES SERVED

- Aerospace
- Automotive & Transportation
- Firearms
- Food and Beverage
- Heavy Equipment
- Laboratory
- Marine
- Medical Device
- Metalworking
- Nuclear Energy
- Pharmaceutical
- Semiconductor/Electronics
- Solar & Energy
- Water & Wastewater

PROPER CLEANER SELECTION

In order to choose the best product for your application you must consider the surface you are cleaning, method of cleaning, water temperature, and soil.

The chart below provides general information based on the type of soil being removed.

Please contact us for technical information specific to your process.

CLEANING APPLICATIONS

- Electronics
- Filter Membranes
- Food and Beverage Processing
- Instruments
- Labware
- Medical Devices
- Metals
- Pharmaceutical Manufacturing
- Process Equipment
- Tool & Parts Cleaning

DETERGENT SELECTION GUIDE

✓ = Used ✓ = Preferred

SOILS	Micro-90®	Micro® Green Clean	Micro® A07	Surface-Cleanse/930®	LF2100®	Zymit® Low-Foam	Zymit® Pro
Adhesives	✓	✓		✓	✓		
Biofilm	✓	✓		✓	✓		
Biological soils: Blood, Feces, Mucous, Sebum, Sweat, Urine	✓	✓		✓	✓	✓	✓
Dyes, Inks	✓	✓		✓	✓		
Eggs, Butter, Fruit Stains	✓	✓			✓	✓	✓
Emulsifiers	✓	✓		✓	✓		
Fat	✓	✓		✓	✓		
Fingerprints	✓	✓		✓	✓	✓	✓
Flavor, Fragrances	✓	✓		✓	✓		
Gelatin						✓	✓
Gels	✓	✓		✓	✓	✓	✓
Grass	✓	✓			✓	✓	✓
Insoluble Salts			✓				
Milkstone	✓	✓	✓		✓	✓	✓
Oils	✓	✓		✓	✓		
Oxides	✓	✓	✓		✓		
Paraffins	✓	✓		✓	✓		
Petrolatum	✓	✓		✓	✓		
Proteins						✓	✓
Scale			✓				
Shop Dusts, Soldering Flux	✓	✓	✓	✓	✓		
Silicons	✓	✓		✓	✓		
Starch						✓	
Tar	✓	✓		✓	✓		
Tissue						✓	✓
Titanium Dioxides	✓	✓			✓		

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