

FORMULATED PRODUCTS THAT MEET YOUR MEMBRANE CLEANING NEEDS

Compatible with UF, RO, Ceramic and NF Systems

Today's complex cleaning tasks make it difficult to find a consistently effective filter membrane cleaner. International Products Corporation offers a full line of products specially formulated to meet a wide variety of requirements. Our line of cleaners are aqueous concentrates sold in a variety of sizes. Each can deliver the critical/precision cleaning needed to meet the most rigorous specifications for cleanliness. They are all free of solvents, phosphates, silicates, borates, halogenated compounds, phenols, and SVHC (substances of very high concern).



MATCH CLEANER TO INDUSTRIAL SOIL

| IPC CLEANERS | CLEANER pH | TYPICAL SOILS REMOVED |
|--------------------------------|------------|--------------------------------------|
| Micro-90 [®] | 9.5 | Greases, Oils, Metals |
| Micro [®] Green Clean | 9.5 | Greases, Oils |
| Micro [®] A07 | 3.0 | Hard water salts, scales |
| Zymit [®] Pro | 7.5 | Biological, protein, polysaccharides |



Nonfood Compounds Program Listed A1

PRODUCT ADVANTAGES

- Fast, effective soil removal
- **Reduce or eliminate** membrane replacement
- Save **TIME, ENERGY & LABOR COSTS**
- **Eliminate** multiple step cleaning cycles
- Concentrated liquid formulas **dilute easier** than powder detergents

IPC BENEFITS

- Technical support available
- **FREE SAMPLES** available for initial trial
- **"Green"** chemistry - low VOCs, solvent free, no phosphates, non-corrosive
- Biodegradable products available
- Products available worldwide

CUSTOMER TESTIMONIALS



AUTOMOTIVE ENGINE MANUFACTURING

We've used Micro-90[®] to clean the filter membranes in our ultrafiltration system for nine years with 100% flux recovery and have yet to replace any of our membranes. A significant savings of \$500,000!

- Brian LoTempio, Plant Manager
DTE Tonawanda



CITY WASTEWATER TREATMENT PLANT

After trialing 20 different cleaners, hundreds of different combinations and commonly used commodities, Micro-90[®] stood out and performed better than all the rest.

- Jeff Hoff, Wastewater Control Systems Manager
 Fargo North Dakota WWTP

RESTORE 100% FLUX EXTEND THE LIFE OF YOUR MEMBRANES

Contact us for product samples or more information

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Manufacturing Specialty Cleaners
and Lubricants since 1923
ISO-Certified

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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