



## Making Your Devices Better

### Welcome to MicroCare Medical™

MicroCare Medical provides cleaning and lubricating products to the medical device industry. We supply advanced cleaners, carrier fluids and coatings to medical device designers and manufacturers globally.

We set the standard for customer-focused support including lab and engineering services to help you achieve consistent results.



## Duraglide™ Dry Lubricant & Coatings

ISO 10993 Certified – Easy to Validate

*Provides a uniform, dry non-migrating PTFE lubricant to improve the functionality of medical devices and mechanical assemblies*



- Coating provides smoother movement by reducing actuation forces by 25-30%
- Compatible with ETO and gamma radiation sterilizing
- Superb medical-grade mold release agent
- Nonflammable handling, storage and use
- Ready-to-use in dip, spray or aerosol applications
- Excellent materials compatibility
- Hostile to bioburden
- US EPA SNAP (Significant New Alternatives Program) approved

**Compatibility: Metals, Plastics & Ceramics**

**Typical Applications: Catheters, Cutting Tools, Staplers, Hypotubes and Other Moving “Surface-to-Surface” Complex Assemblies.**

## VDX Dry Lubricant Spray

ISO 10993 Certified

*Delivers a dry, slippery coating that reduces friction and wear associated with surface-to-surface sliding, pivoting or twisting*



- Aerosol package delivers pinpoint lubrication on any surface or shape without clumps, drips or runs
- Nonflammable, no odor

**Compatibility: Metals, Plastics & Ceramics**

**Typical Applications: Catheters, Cutting Tools, Staplers, Hypotubes and Other Moving “Surface-to-Surface” Complex Assemblies.**

## MicroCare™ Universal Carrier Fluid

*Nonflammable silicone carrier in concentrations up to 10% for coating all surface geometries*



- Formulated for use with medical-grade silicone lubricants
- Nonflammable, quick evaporation
- Leaves no carrier residue
- Hostile to bioburden
- Replaces flammable and chlorinated solvents
- US EPA SNAP (Significant New Alternatives Program) approved

**Compatibility:** Metals including Stainless Steel, most Industrial Plastics including Polypropylene, Nylon, HDPE, LDPE, PPE and PTFE

**Typical Applications:** Needles, Sharps and Cannulas

## Swellex™ Silicone Swelling Agent Swellex™ P Polyurethane Swelling Agent

*Expands components to allow for a secure connection without adhesives or mechanical stress*



- Utilizes proprietary solvent technology to effectively swell molded thermoelastomer materials
- Swelling agent expands tubing for easy interconnect and evaporates quickly to return part to original size
- Excellent materials compatibility
- Dries residue-free without impacting component properties such as tear strength, compression or color
- VOC exempt

**Typical Applications:** Superior solution for connecting silicone and polyurethane tubing to barbed fittings.



# Modern Vapor Degreasing for the Critical Cleaning of Medical Devices

Vapor degreasing is a **safe, economical and environmentally-friendly cleaning process** that meets and exceeds today's medical device manufacturing standards.

- Perfectly cleans any part size and geometry
- Parts come out clean and dry
- Small footprint with high through-put

Our chemists and field engineers will work with you to **clean parts** more **thoroughly, quickly and safely**...all at a **lower cost**.



**Make Your Medical Devices Work Better**  
**Call Us Today or Visit [MicroCareMed.com](http://MicroCareMed.com) to Learn More.**



**Medical Device  
Lubricants**



**Nonflammable  
Carrier Fluids**



**Cleaning  
Fluids**

**ISO 9001: 2008 Registered**

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