

# UNIVERSAL™

## CONCENTRATED SURGICAL INSTRUMENT CLEANER AND LUBRICANT

“The Safety and Efficacy you have been looking for in your Instrument Cleaner”

**FDA Approved - Laboratory Tested & Clinically Proven to be Safe and Effective in Cleaning even the most delicate microsurgical instruments and equipment.**

**Antimicrobial • Rinses Residue Free • No Cytotoxicity • No Cell Lysis, Intracytoplasmic Granules**

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### **MULTIPLE CLEANING APPLICATIONS:**

The instrument cleaning solution allows you total flexibility while processing your instruments.

- Soaking
- Manual Cleaning
- Ultrasonic Cleaning
- Washer / Sterilizers

Solution dissolves instantly in water.

### **PENETRATING LUBRICANTS:**

The instrument cleaner has a special penetrating lubricant that bonds with the Chromium Oxide surface of stainless steel instruments. Continued use of the Instrument Cleaner and Lubricant will have your instruments working freely without the need for additional lubrication.

### **FEATURED BENEFITS INCLUDE:**

- Multiple cleaning applications
- Economical to use
- Eliminates additional lubricants
- Reduces inventory

### **SPECIAL BENEFITS INCLUDE:**

- Enzyme-like action
  - Attacks blood, protein and stains
  - Dissolves instantly in water
  - Low sudsing
  - Rinses residue free
  - Saves time
  - Biodegradable
- CE 0110

**Chemical Composition and Characteristics of the Universal Cleaner are Synthetic and Mineral:**

**“No Animal Bi-products”**



**Calibrated Measure and Pour Bottle for Precise Dilution Ratios**

**FDA Approved and CE Marked**

**A proven product since 1978**

The specially formulate **INSTRUMENT CLEANER and LUBRICANT**, attacks blood and protein in even the smallest crevices. It contains specially formulate emulsifiers to soften dried on protein and makes it easier to remove. The enzyme-like action works to remove blood and protein from box locks and other hard to reach areas. It is low sudsing and rinses residue free, leaving the instruments clean, smooth and shiny. A chemically balanced rust inhibitor reduces the opportunity for rust, tarnishing or corrosion to develop on your surgical instruments.

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**Universal™ Surgical Instrument Cleaner and Lubricant** is a ® registered trademark of B. Graczyk, Inc.

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## CONCENTRATED SURGICAL INSTRUMENT CLEANER AND LUBRICANT

### ORDERING INFORMATION: PART NUMBER

40-803 4 OZ. (120 ML.) BOTTLE  
40-805 8 OZ. (240 ML.) BOTTLE  
40-810 32 OZ. (960 ML.) BOTTLE

### GENERAL INFORMATION:

The concentrated surgical INSTRUMENT CLEANER and LUBRICANT contains lubricants and conditioners for hard water plus added stabilizers to retard scale build up.

- 100% Soluble in Water
- Boiling Point of 212° F
- Non Flammable
- Stable storage: Up to 5 years

### USE:

Dilute 30 ml. of cleaner / lubricant per 3.8 Liters of deionized / filtered water. One 0.96 Liter Bottle of the concentrated CLEANER and LUBRICANT will make 32 - 3.8 Liters of useable solution in a normal mix.

### NOTE:

As a concentrate the INSTRUMENT CLEANER and LUBRICANT will have a different dilution ratio based on the temperature of the water. Warmer water helps breakdown organic material quicker and less concentrated solution is required.

### RECOMMENDED DILUTION RATIOS OF CLEANER TO DEIONIZED / FILTERED WATER IS AS FOLLOWS:

Room Temperature Water Below 80 Degrees	Warm Water 80 to 110 Degrees	Heated Water 110+ Degrees
30 ml. to 3.8 Liter of Deionized / Filtered Water 3.8 Liters : 30 ml.	15 ml. to 3.8 Liter of Deionized / Filtered Water 3.8 Liter : 15 ml.	7.5 ml. to 15 ml. to 3.8 Liter of Deionized / Filtered Water 3.8 Liter : 7.5 ml.
Commonly used for soaking and hand washing instruments between cases in the office.	Commonly used for hand washing instruments in the sub-sterile room of the OR between surgical procedures.	Commonly used in Washer / Sterilizers, Ultrasonic and Sonic Cleaners with heaters.

- Attacks blood, protein and stains from the surface of surgical instruments.
- Dissolves instantly in water; will not clump as powders do.
- Low sudsing that allows for a consistent visual of the instruments during cleaning.
- Rinses residue free - no chemicals are left on the surface of the instruments.
- Saves time by not having to go through the added step of lubricating the instruments.

### Warning:

The surgical INSTRUMENT CLEANER and LUBRICANT is an alkaline solution. Avoid contact with eyes, skin and clothing. Do not take internally. Keep out of the reach of children.

For additional information and prices, please contact:

Distributed By:

MSDS available upon request.