

# SURGICAL MILK

## Concentrated Instrument Lubricant and Rust Inhibitor

Clinically tested to be thoroughly steam penetrable and steam sterilizable.



Surgical Milk is clinically proven to keep instruments in top condition. Routine use reduces the incidence of rust, spots, stains and corrosion on dental and surgical instruments, thus prolonging the life of the instruments.

Surgical Milk pre-autoclave instrument dip will restore movement to hinges as well as ensure proper working of pins and joints. Surgical Milk forms a protective barrier on instruments to help keep them in top working condition.

Surgical Milk is easy to use; no rinsing or wiping is required, simply immerse instruments in the diluted solution - then proceed to sterilize.

- Bacteriostatic
- Effective in steam, dry or chemical vapor sterilizers
- Prevents spotting, staining, rusting of instruments
- Routine use reduces cost of instrument repair and replacement
- Super concentrated – 1 part concentrate to 5 parts water
- Does not interfere with the microbial killing efficacy of autoclaving
- Water-based – non-oily, non-sticky, non-toxic

*Protect your instruments with Surgical Milk!*



# RECOMMENDATIONS

## Preventive Maintenance Extends Life of Surgical Instruments

Considering that surgical instrument trays for major surgeries can bear price tags of \$20,000 or more and that individual instruments can cost several hundred dollars each, sterile processing (SP) technicians must be well versed in the care and handling of surgical instruments and must engage in preventive maintenance.

Proper inspection and maintenance of surgical instruments ensures the highest quality performance during surgery and protects the considerable investment a hospital has made. Instruments must be treated with care and carefully checked for potential problems.

Corrosion, pitting and staining can be caused by acid- or alkaline-based solutions, so instruments should be washed with a neutral pH soap for optimal results. Using an instrument cleaning brush is recommended, especially for cleaning jaw serrations, teeth and hinged areas. Some hospitals use ultrasonic cleaning, which can be up to 16 times more efficient than hand cleaning.



**Gzyme3**  
Ultrasonic/Presoak Solution

No matter the cleaning method used, all surgical instruments must be sterilized prior to surgery to avoid infection. Ratchets should be left open to allow better steam penetration during sterilization and to prevent box locks from cracking. A perforated tray also facilitates steam penetration and aids the drying process.



One of the most important steps in preventive maintenance, in addition to the proper cleaning and sterilization procedures, is lubrication of instruments after every cleaning. Proper lubrication keeps instrument parts from rubbing and scraping together, thus preventing dulling and strain to joints and hinges. Moving parts such as joints, box locks, ratchets and screw joints should be thoroughly lubricated with an appropriate surgical lubricant.

Excerpts taken from: Infection Control Today 12/2002  
<http://www.infectioncontrolday.com/articles/2c1instrument.html?wts=20051130084240&hc=22&req=lubricant>



# PRODUCT PROFILE

## SURGICAL MILK CONCENTRATE

<b>Product</b>	Rust inhibitor and lubricant for surgical instruments.
<b>Description</b>	<b>SURGICAL MILK CONCENTRATE</b> is mixed with water to create a dip bath used for instrument soaking. Dip surgical instruments routinely in <b>SURGICAL MILK CONCENTRATE</b> before sterilizing.
<b>Function</b>	<b>SURGICAL MILK CONCENTRATE</b> maintains lubrication and retains sharpness on all instruments after autoclaving, especially those with hinged or moving parts.
<b>Packaging</b>	2 litre & 4 litre

Features	Benefits
<i><b>Increases Durability</b></i>	Routine use of <b>SURGICAL MILK CONCENTRATE</b> will keep hinged instruments in top condition. Hand instruments will retain sharpness for longer periods of time, requiring less upkeep. The life of every type of dental rotary instrument, be it steel, stainless steel, carbide or diamond, will be extended. All operative, surgical, trimming and gross reduction burrs will benefit from the use of <b>SURGICAL MILK CONCENTRATE</b> .
<i><b>Permits Autoclaving</b></i>	Frequent use of <b>SURGICAL MILK CONCENTRATE</b> dip bath does not interfere with the microbial killing efficacy of autoclaving.
<i><b>Concentrated</b></i>	Mix one part of concentrate with five parts distilled or tap water to make dip bath.
<i><b>Effective</b></i>	Effective in steam, dry or chemical vapour sterilizers.
<i><b>Will Not Harm Instruments</b></i>	Contains an interface surface corrosion inhibitor and lubricant with oxygen and carbon dioxide scavenger properties. The solution arrests discolouration, rust and corrosion during autoclaving.
<i><b>Non-Toxic</b></i>	Safe to use.
<i><b>Bacteriostatic</b></i>	<b>SURGICAL MILK CONCENTRATE</b> solution does not propagate bacteria, thereby limiting the spread of contamination.