



Lubrajel[®] RC

Description:

Lubrajel RC is a water-soluble lubricating gel capable of terminal sterilization with 2.5 Megarads (25 Kgy) of gamma radiation. Several years of extensive research has resulted in this clear, colorless Lubrajel product. Lubrajel RC is an extension of the Lubrajel RR product. It is a cost effective, pH balanced, enhanced lubricating gel designed specifically for use as a urological catheter lubricant. It may be applied to the catheter prior to packaging and sterilization, providing the medical professional with a convenient pre-lubricated device. It may also be packaged into syringes, ready for administration into the urethra.

Lubrajel RC is *clear and colorless*, and virtually odorless and remains so after sterilization by gamma radiation. An initial apparent viscosity of about 300,000 cps (Brookfield RVT or equivalent, spindle #4, 0.5 rpm, 22° C) exhibits practically no change upon irradiation. Temperature stressed stability studies indicate that pH, viscosity, color, clarity and lubricating qualities are not sacrificed.

Uses:

Lubrajel RC is a pseudo-plastic gel that is easily pumped, even through tubes of small diameters. Because of its pseudo-plastic properties, Lubrajel RC is an ideal lubricant for thermometers, catheters, enema tips, etc., or for application directly to the skin for lubrication, moisturization or conditioning purposes.

Composition:

Water (7732-18-5) and Glycerin (56-81-5) and Propylene Glycol (57-55-6) and Polyacrylic Acid (9003-01-4) and Sodium Polyacrylate (9003-04-7)

Typical Properties:

These values are typical properties only and not necessarily specifications. Specifications and test methods are available upon request.

Form	Viscous Gel
Color	Colorless
Clarity	Clear
pH (20 – 25°C, as is)	5.2
Viscosity as is (20 – 25°C) (Brookfield DV -II, spindle 6, 2.5 rpm)	300,000
Refractive Index	Typically 1.3470
% Methylparaben	0.18
% Propylparaben	0.02
Total Plate Count	≤ 25 cfu/g
Yeast and Mold Content	≤ 25 cfu/g

Testing:

Lubrajel RC has not been tested for toxicity, but is similar in composition to Lubrajel RR and should have similar toxicological characteristics.

Derivation:

United-Guardian does not use animal derived ingredients in the manufacture of Lubrajel RC. All raw materials used in Lubrajel RC are of synthetic or vegetable origin.

Storage and Handling:

Lubrajel RC is very slippery and appropriate care should be taken during handling. Avoid contact with strong acids, alkalis or oxidizing agents.

Availability:

Lubrajel RC is available in 45-pound pails and in 500-pound drums.

NOTE: The suitability of Lubrajel RC for a specific use is the responsibility of those providing the final dosage form. It is their responsibility to secure approvals from those regulatory agencies concerned with the use, sale and distribution of the product.

Contact Guardian Laboratories for information about samples or sales.