



Lubrajel[®] MG

Description:

Lubrajel MG is a proprietary hydrojel formulation that was developed in the early 1970's as a **non-drying, water-soluble** lubricant for the medical industry. Lubrajel MG has been marketed since its development in 1973 as a medical lubricant. It has been used as a general and instrument lubricant for use during physical exams, and applied to catheters, thermometers and a host of other instruments to aid in use and patient comfort.

Lubrajel MG is bacteriostatic in nature. For this reason, it has been investigated for use in chronic wound treatment.

Uses:

Lubrajel MG is usually used at 100% as a medical lubricant and has also been used in wound care. It may also be used as a vehicle for delivery of active drug ingredients.

Nomenclature:

CAS: 56-81-5, 7732-18-5, 57-55-6, 9003-01-4, 9003-04-7, 99-76-3, 94-13-3

Medical Labeling: Glycerin, Water, Propylene Glycol, Sodium Polyacrylate, Polyacrylic Acid, Methylparaben, Propylparaben

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)	5.5
Viscosity (20 – 25 °C) (Brookfield DV-II, spindle 6, 2.5 rpm)	300,000 cps
Refractive Index	1.420
% Methylparaben	0.18
% Propylparaben	0.05

Testing:

Lubrajel MG is characterized as having an excellent toxicological profile. It has an oral LD 50 greater than 5 grams per kilogram, is not irritating to the skin or eyes, and is not a sensitizer. A summary of safety tests performed using Lubrajel MG is available upon request.

Derivation:

No animal derived ingredients are used in the manufacture of Lubrajel MG. All raw materials used in Lubrajel MG are of synthetic or vegetable origin.

Storage and Handling:

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

Avoid exposure to x-rays.

Availability:

Lubrajel MG is readily available in 50-pound pails and 540 pound drums.

Contact Guardian Laboratories for information about samples or sales.