



Lubrajel[®] II XD-Free

Description:

Lubrajel II XD-Free was developed in order to fulfill the need for a paraben free version of Lubrajel II XD. It utilizes a preservative system different from our other Lubrajels being that it is paraben free. Lubrajel II XD-Free contains phenoxyethanol instead of methyl and propyl paraben. Lubrajel II XD-Free still has the same excellent moisturizing and rheological characteristics.

Uses:

Lubrajel II XD-Free may be used in a vast range of cosmetic, hair care and personal care products such as hair styling gels, foot and elbow moisturizers, and anti-cellulite crèmes, sunscreens, eye gels, vitamin treatments. It also can be used in dermatological drug delivery products such as acne treatment, burn gels, and to deliver drugs to the skin with a supremely elegant feel found only in the finest skin care products.

Lubrajel II XD-Free can be formulated with an extensive variety of botanical extracts and infusions, liposome actives, humectants and select surfactants.

A prototype formulary is available upon request.

Nomenclature:

CAS: 56-81-5, 9003-01-4

Proposed INCI: Glycerin and Glyceryl Polyacrylate

EINECS (Europe): 200-289-5, 201-177-9

DSL/NDSL (Canada): 1650, 8957

ENCS (Japan): JSCI 001223, JCIC 108622

AICS (Australia): All components comply

Typical Properties:

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

Form	Brilliant Gel
Color	Colorless
Clarity	Clear
pH (20 – 25 °C, as is)	5.2
Viscosity (10% Soln) (20 -25 °C) (Brookfield DV-II, #5, 20 rpm)	13,500

Testing:

Lubrajel II XD-Free is characterized as having an excellent toxicological profile. Based on testing of a chemically similar product (Lubrajel CG), it should have 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 CG is available upon request.

Derivation:

No animal derived ingredients are used in the manufacture of Lubrajel II XD-Free. All raw materials used in Lubrajel II XD-Free are of synthetic or vegetable origin.

Storage and Handling:

Lubrajel II XD-Free is very slippery and appropriate care should be taken during handling. Avoid contact with strong acids, alkalis or oxidizing agents. Lubrajel II XD Free should be stored below 30 °C for optimum product quality.

Avoid exposure to x-rays.

Availability:

Lubrajel II XD-Free is available in 45-pound pails and in 500-pound drums.

Contact Guardian Laboratories for information about samples or sales.