



LubraSlide™

Description:

LubraSlide is a unique powder with a wide range of uses. This extremely fine white powder is most noted for its high lubricity, water-repellency, and temperature stability.

LubraSlide imparts a lubricious feeling when incorporated in formulations. The combination of polytetrafluoroethylene polymer (PTFE), calcium stearate and an acid stearate creates particles that give LubraSlide its great friction-less feel. The acid stearate "holds on" to the PTFE particles as well as the surface to which the LubraSlide is applied. This increases the adhesion and cohesion of the product and contributes to the silky feel associated with LubraSlide.

Uses:

LubraSlide retains its lubricating properties at temperatures ranging from -300°F to 300°F making it suitable for many difficult industrial situations where lubrication is needed.

The water-repellency of LubraSlide makes it an excellent ingredient for many cosmetic applications. LubraSlide tends to form a water-repellent protective film on the skin. This makes it an ideal ingredient for antiperspirants, liquid make-ups, and body powders. When the water-repellency and lubricity of the product are considered, it is clear that LubraSlide is a unique multi-functional ingredient that will enhance a variety of formulations. The use of LubraSlide at concentrations ranging from 2% - 5% in shaving creams and liquid make-ups increases the product efficiency and improves the ability of the product to protect the skin. It is easy to incorporate LubraSlide into existing formulations. Just substitute LubraSlide in place of the current binder in a pressed powder to improve the drop strength and feel of the product without sacrificing pay off or product integrity.

Typical Properties:

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

Form	Powder
Color	White

Nomenclature:

CAS: 1592-23-0, 9002-84-0, 57-11-4
INCI: Calcium Stearate, PTFE, Stearic Acid
EINECS (Europe): 216-472-8, NA, 200-313-4
DSL/NDSL (Canada): 5869, 8946, 1664,
ENCS (Japan): JSCI 002221, JCIC 523227, JSCI
002220
AICS (Australia): All components comply

Testing:

LubraSlide was submitted for Primary Skin Irritation testing and found to be a Non Primary Irritant.

Derivation:

No animal derived ingredients are used in the manufacture of LubraSlide. All raw materials used in LubraSlide are of vegetable origin.

Storage and Handling:

LubraSlide should be stored away from heat or open flames to prevent softening or melting of the powder. Goggles and a dust mask should be used when handling LubraSlide. Spills should be swept up carefully to avoid dusting.

Availability:

LubraSlide is available in 30-gallon fiber drums having a net weight of 55 lbs.

Contact Guardian Laboratories for information about samples or sales.