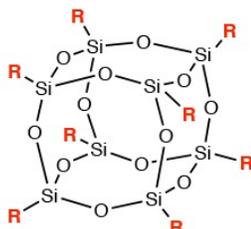


PEG POSS®

INCI NAME: Methoxy PEG-10 Polysilsesquioxane

FEATURES

Clear, colorless liquid. Water and alcohol soluble.



APPLICATIONS

Wetting, dispersion, cleaning and carrier for ingredients in lotions, gels and coatings.

TYPICAL PROPERTIES

Appearance	clear, colorless liquid
Viscosity (@25°C)	280 centipoise
Density	1.09
Refractive Index	1.45
Formula Weight	4525.83
Resin Solubility	polyethers & polyesters

REGULATORY STATUS

INCI, TSCA, CAS 1838163-04-4

REACH pending

Not a primary dermal irritant

HANDLING PRECAUTIONS

Product safety information required for safe use is not included in this document. Before handling, read product and material safety data sheets and container labels for safe use, physical health and hazard information. For material safety data information, contact Hybrid.



BENEFITS

Hydrating, baby soft feel on skin and hair. Compatibilizer, rheological diluent. UVB sorption. Noncytotoxic and nonirritating.

DESCRIPTION

PG1190 is a hybrid molecule that is fully water soluble. It provides exceptional hydration and lubricity for silky smooth feel. It can also serve as a compatibilizer and dispersion agent for key ingredients, special effect and colorants.

COMPATIBILITY

Water	Soluble
Emulsified	Yes
Alcohols	
Ethanol (95%)	Soluble
Ethanol (70%)	Soluble
iPropanol (99%)	Soluble
iPropanol (70%)	Soluble
Solvents & Propellants	
Hexanes (aliphatics)	Not Soluble
PGMEA	Soluble
Cosmetic Materials	
Beeswax	Stable
Mineral Oil	Not Soluble
Petrolatum	Stable
1,2 Propane diol	Soluble
Glycerin	Soluble
DC 556 [PhSi(OSiMe ₃) ₃]	Soluble
Fluoroalkyls	Not Soluble
Shea Butter	Unstable
Cocoa Butter	Unstable
Hydroxy Methylcellulose	Soluble
Lanolin	Soluble
Paraffin Wax	Stable
Caprylyl Glycol	Soluble
Cetearyl Alcohol (C ₁₈ OH)	Soluble
Veggie Oil	Soluble



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