

Versatile Cosmetic Oils

**SilkFlo<sup>®</sup> Hydrogenated Poly-1-decenes**

PRODUCT DATA

**Description** SILKFLO Polydecenes are clear, bright, high-purity hydrocarbon liquids. Their unique, non-oily feel sets them apart from mineral oils and similar products on the market. These fully hydrogenated oligomers of decene-1 are listed by the CTFA under polydecene.

<b>Suggested Applications</b>	Creams Lotions Oils Cleansers	Sunscreens Color Cosmetics Conditioners Moisturizers	Antiperspirants Deodorants
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<b>Features</b>	Non-oily Feel Highly Uniform Non-Comedogenic	Colorless Odorless	Stable Safe Tasteless
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<b>Typical Properties</b>	<b>362 NF</b>	<b>364 NF</b>	<b>366 NF</b>
Viscosity @ 40°C, cSt	5.5	17	31
Viscosity @ 100°F, SUS	45	85	145
Pour Point, °C	<-55	<-65	<-60
Flash Point, °C	>145	>204	>255
Specific Gravity @ 60°F (15.56°C)	0.797	0.818	0.827
Refractive Index	1.4451	1.4555	1.4592
APHA Color	<10	<10	<10
Acid No (mg KOH/gm)	<0.01	<0.01	<0.01
Bromine No (g Br/100g)	<1.0	<0.4	<0.4