



ZENIGLOSS® UP

Zenigloss® UP is low odor natural condensation polymer of castor oil, succinic acid and isostearic acid. This natural emollient provides adhesion and gloss in lipsticks. It has a high molecular weight (3,700) and good viscosity. Zenigloss® UP is an excellent wetting vehicle for both organic and inorganic pigments. In hair and skin applications when used, it adds luster and contributes to a smoother application. It is a superb natural glossing agent in colour and hair applications and has also been found to boost SPF in sun and skin care formulations. Zenigloss® UP is compatible with commonly used waxes and polar oils.

TYPICAL PROPERTIES

Appearance at 25 °C:

Clear to Slightly Hazy Viscous Amber Liquid

Viscosity (cPs): 4,000 to 10,000**Colour (Gardner):** 9 Max**Acid Value (ml KOH/g):** 32 Max**% Peroxide (mmol O₂/kg):** Less than 5**Refractive Index:** 1.47 to 1.49

GLOBAL DESIGNATIONS

Adopted INCI Name:

Castor Isostearate Succinate

CAS Reg. No.: 321573-76-6**EINECS:** Polymer Exempt**ECOCERT:** Certified**Canada (DSL):** Listed**China (IECSC):** Pending**Australia (AICS):** Pending**Korea (ECL):** Pending**Japan (ENCS):** Pending

STORAGE AND PACKAGING

Zenigloss® UP has a normal shelf life of 36 months when stored in sealed unopened containers in a cool dry location at temperatures between 15°C and 25°C.

Zenigloss® UP is available in 16 kg pails and 100 kg drums.



SOLUBILITY AND COMPATIBILITY

(Zenigloss® UP @ 10% & Solvent @ 90%)

Solvent	50 °C	25 °C
Water	INSOLUBLE	INSOLUBLE
Glycerin (96%)	INSOLUBLE	INSOLUBLE
Propylene Glycol	INSOLUBLE	INSOLUBLE
Mineral Oil	INSOLUBLE	INSOLUBLE
Isopropyl myristate	SOLUBLE	SOLUBLE
Cyclomethicone	INSOLUBLE	INSOLUBLE
Octyl palmitate	SOLUBLE	SOLUBLE
Panalane L-14E	INSOLUBLE	INSOLUBLE
Safflower Oil	SOLUBLE	SOLUBLE
Ethanol (95%)	INSOLUBLE	INSOLUBLE
Castor Oil	COMPATIBLE	COMPATIBLE
Carnauba/Beeswax	COMPATIBLE	COMPATIBLE
Candelilla wax	COMPATIBLE	COMPATIBLE

APPLICATIONS

Colour Care:

Lipsticks, Gloss Sticks and Pots, Concealer Sticks, Pencils, Mascara, and Foundations.

Skin Care:

Make-up remover, Night creams, and Cuticle creams.

Sun Care:

Sunscreen lotions, Sticks and Balms, Suntan Gels and Oils.

Hair Care:

Shampoos, Conditioners, 2 in 1 Shampoos and Gloss sprays.

Typical Use Levels: 0.25 to 10.00 %TDS Z44104 Rev.0
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