



## ZENIGLOSS UP

**Zenigloss UP** is an emollient completely derived from natural ingredients. It is **100% active**, has a high molecular weight (5700) and excellent viscosity. **“Zenigloss UP material is approved by ECOCERT SAS BP 47 32600 L’Isle Jourdain, France and conforms to the standards for ecological and organic cosmetics”**. Zenigloss UP may be used in all applications with great success. It is a superb **natural gloss agent in color and hair applications and it boosts SPF in sun and skin formulas. ..Zenigloss UP is compatible with commonly used waxes and polar oils.** It is an excellent wetting vehicle for organic and inorganic pigments. **Zenigloss UP is a natural replacement for lanolin.**

### CHEMICAL STRUCTURE:

A condensation polymer of:  
castor oil,  
succinic acid  
and isostearic acid

### CHEMICAL AND PHYSICAL PROPERTIES

#### APPEARANCE:

Clear to slightly hazy liquid – ZAM-18

#### FOREIGN MATTER:

Free of – ZAM-29

#### COLOR:

9 MAX – ZAM 02

#### 57=8 J5@ 9.

32 MAX – ZAM 26

#### J=G7CGHM

4,000-10,000 cps – ZAM-09

#### 1 D9FCL=89

<5mmol oxygen/kg – ZAM-131

#### REFRACTIVE INDEX:

1.47-1.49 – ZAM-63

### COMPATIBILITY AND SOLUBILITY

SOLVENT 90%	Zenigloss UP 10%	
	50°C	Room Temp.
Water	insoluble	insoluble
Glycerine 96%	dispersible	dispersible
Propylene glycol	insoluble	insoluble
Mineral oil	dispersible	dispersible
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	soluble	soluble
Carnauba, beeswax	compatible	compatible
Candelilla	compatible	compatible

### GLOBAL DESIGNATIONS

#### INCI NAME:

Castor Isostearate Succinate

**CAS #:** 321573-76-6

**Canadian DSL Listed**

#### EINECS:

Polymer exempted

**JAPAN:** Permitted

**Patented**

**ECOCERT CERTIFIED**

### PERSONAL CARE

#### APPLICATIONS

**COLOR CARE:** Lipsticks, Gloss pots and sticks, pencils, mascara

**HAIR CARE:** Shampoos, conditioners, Gloss sprays

**SUN CARE:** Sunscreens and Balms, sunscreen sticks and oil

**SKIN CARE:** Night Cream, Make up removers, Cuticle creams.

**USE LEVEL 0.25-10.0%**

#### PACKAGING

PAIL 16 kilos

DRUM 100 kilos

#### SHELF LIFE

36 months in unopened containers

Toxicological data available:

**We do not test on animals!**  
revised 060811

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