



# Technical Data Sheet

## ZENIBLU

ZENIBLU is a unique reacted polyester with Dimer alcohol, Dimer acid, Octyl Dodecanol and Natural Blueberry Seed Oil. It is a branched liquid that lubricates and conditions skin and hair.

ZENIBLU is a high molecular weight (10000) polymer that is launching a new generation of products replacing Guerbet derivatives. ZENIBLU, the barrier quality of this polymer has a dramatic effect in skin and sun care as well as the effect on dry hair and scalp with the benefits of natural blueberry seed oil. The use of ZENIBLU in pigmented products will be extremely effective.

## CHEMICAL STRUCTURE

Zeniblu is polyester made by the reaction of dimer acid, dimer alcohol, Octyl Dodecanol and Natural Blueberry Seed Oil.

### **CHEMICAL AND PHYSICAL PROPERTIES**

#### **APPEARANCE:**

Clear Liquid – ZAM-18

#### **FOREIGN MATTER:**

Free of – ZAM-29

#### **MELTING POINT:**

Liquid @ Ambient ZAM-59

#### **ODOR:**

Typical – ZAM 16

#### **COLOR:**

. 4 Max ZAM 02

#### **ACID VALUE:**

2 MAX – ZAM 26

### **COMPATIBILITY AND SOLUBILITY**

#### **SOLVENT 90%**

#### **ZENIBLU 10%**

	50°C	Room Temp
Water	insoluble	insoluble
DC 200	insoluble	.insoluble
Glycerine 96%	dispersible	dispersible
Eutanol G	soluble	soluble
Propylene glycol	insoluble	insoluble
Mineral oil	soluble	soluble
Isopropyl Myristate	soluble	soluble
Cyclomethicone	insoluble	insoluble
Octyl Palmitate	soluble	soluble
Safflower Oil	soluble	soluble
Ethanol 95%	insoluble	insoluble
Castor Oil	soluble	soluble

### **GLOBAL DESIGNATIONS**

**INCI NAME:** Octyldodecyl Dimer Dilinoleyl Alcohol/Succinic Acid Copolymer Vaccinium Myrtillus (Blueberry) Seed Oil

**EINECS:** Polymer Exempted

**CAS #** 874013-21-5/1161921-09-0

**Japan:** Pending

**Patented**

### **PERSONAL CARE**

#### **APPLICATIONS**

**HAIR CARE:** Moisturizing hair creams, Conditioners for badly damaged hair, shampoos

**SKIN CARE:** Liquid soaps, Body washes, Lotions, creams, moisturizers  
**COLOR CARE,** lip stick, foundations

**SUN CARE:** Sprayable creams and lotion sunscreens. Balms.

**USE LEVELS:** ¼%-10%

### **PACKAGING**

Pail 16 kilos  
Drum 100 kilos

#### **SHELF LIFE**

36 months in unopened containers

Toxicological data pending  
**We do not test on animals!**  
092109

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