



**ZENIBERRY R-XX**

This unique silicone material based on cold pressed raspberry oil has a high molecular weight (6000), increases substantivity and creates a lubricious emollient feel in sun and skin applications. It improves volumizing and manageability in shampoos and acts as a coupler for the oil water phase in skin care. It blends clear into formulas and it is water soluble. Perfect for clear gel type formulas.

**CHEMICAL STRUCTURE**

PEG-8 Dimethicone  
PEG-8 Raspberriate

**CHEMICAL AND PHYSICAL PROPERTIES**

**APPEARANCE:**  
Pale yellow liquid – ZAM-18

**FOREIGN MATTER:**  
Absence – ZAM-29

**MELTING POINT:**  
n/a – ZAM-59

**ODOR:**  
Typical – ZAM 16

**COLOR:**  
8 MAX – ZAM 02

**MOLECULAR WEIGHT:**  
6000

**ACID VALUE:**  
5 MAX – ZAM 26

**COMPATIBILITY AND SOLUBILITY**

SOLVENT 90%	ZENIBERRY R-XX 10%	
	50°C	Room Temp
Water	soluble	soluble
Glycerine 96%	dispersible	insoluble
Propylene glycol	soluble	soluble
Mineral oil	insoluble	insoluble
Isopropyl Myristate	insoluble	insoluble
Cyclomethicone	insoluble	insoluble
Octyl Palmitate	Insoluble	Insoluble
Safflower oil	Insoluble	Insoluble
Ethanol	Soluble	Soluble
Eutanol G	insoluble	insoluble
Castor oil	dispersible	dispersible

**GLOBAL DESIGNATIONS**

**INCI NAME:** PEG-8 Dimethicone, PEG-8 Raspberriate

**EINECS:** Polymer Exempted

**Canadian DSL:** Listed

**CAS #** 68937-54-2/483305-57-3

**JAPAN:** Permitted

**Patented**

**APPLICATIONS**

**SKIN CARE:** Moisturizers, lotions, Body scrubs, Body wash

**HAIR CARE:** Shampoos, Gels, Conditioners, Styling aids

**SUN CARE:** Sunscreen lotions Sun spray lotions

**COLOR CARE:** Lip Balms

Lip sticks, Concealer sticks

**USE LEVELS 0.25-4%**

**PACKAGING**

Pail 16 kilos

Drum 100 kilos

**SHELF LIFE**  
36 months in unopened containers!

Toxicological data available!

**We do not test on animals!**

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