



Technical Data Sheet

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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