



ZENIBERRY® R-XQ

Zeniberry® R-XQ is a multifunctional water and alcohol soluble cationic polymer with a molecular weight of 6,000 that is derived from of Cold Pressed Raspberry Seed Oil, a polyquaternium and dimethicone copolyol. It goes clear into formulas, and provides an efficient delivery system to the skin and hair. Zeniberry® R-XQ is non ionic and compatible with cationic and anionic surfactants systems, plus it helps to boost and stabilize foam, also reduces drainage to produce creamier products. In O/W and W/O systems Zeniberry® R-XQ acts as a coupler, and improves the post rinse after feel in skin and sun applications. This product can be used in place of Zeniberry® R-XX when cationic properties, and/or conditioning attributes are required.

TYPICAL PROPERTIES

Appearance at 25 °C:	Clear Yellow Liquid
Colour (Gardner):	10 Max
Acid Value (ml KOH/g):	5 Max
Refractive Index:	1.44 to 1.48

GLOBAL DESIGNATIONS

Adopted INCI Name:	PEG-8 Dimethicone, PEG-8 Raspberriate, Polyquaternium-57
CAS Reg. No.:	68937-54-2, 483305-57-3, 341536-96-7
EINECS:	Polymer Exempt
ECOCERT:	N/A
Canada (DSL):	Pending
China (IECSC):	Pending
Australia (AICS):	Pending
Korea (ECL):	Pending
Japan (ENCS):	Pending

STORAGE AND PACKAGING

Zeniberry® R-XQ 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.

Zeniberry® R-XQ is available in 16 kg pails and 100 kg drums.

SOLUBILITY AND COMPATIBILITY (Zeniberry® R-XQ @ 10% & Solvent @ 90%)

Solvent	50 °C	25 °C
Water	SOLUBLE	SOLUBLE
Glycerin (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 (95%)	SOLUBLE	SOLUBLE

APPLICATIONS

Skin Care:

Liquid Soaps, Body Washes, Lotions, Creams, and Moisturizers.

Sun Care:

Spray on Creams and Sunscreen lotions.

Hair Care:

Clear gel Shampoos, Conditioners, and 2 in 1 shampoos.

Typical Use Levels: 0.25 to 4.00 %

