



Technical Data Sheet

ZENIBERRY R-XQ

This multi-functional **water soluble** polymer goes **clear into formulas**, is **cationic** and provides 6000 **molecular weight**. In surfactant systems it **boosts foam** and **reduces drainage** to produce creamier products. In **O/W** and **W/O** systems it **acts as a coupler** and improves after feel in all skin and sun applications.

CHEMICAL STRUCTURE

PEG-8 Dimethicone
PEG-8 Raspberriate
Polyquaternium 57

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:
Yellow liquid – ZAM-18
FOREIGN MATTER:
Free of – ZAM-29
MELTING POINT:
n/a – ZAM-59
ODOR:
Typical – ZAM 16
COLOR:
10 MAX – ZAM 02
MOLECULAR WEIGHT:
6000
ACID VALUE:
5 MAX – ZAM 26

COMPATIBILITY AND SOLUBILITY

| SOLVENT 90% | ZENIBERRY R-XQ 10% 50°C | Room Temp |
|---------------------|----------------------------|-------------|
| Water | soluble | soluble |
| Glycerine 96% | dispersible | dispersible |
| Propylene glycol | dispersible | dispersible |
| 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, Polyquaternium 57
EINECS: Polymer Exempted
Canadian DSL: Listed
CAS #: 68937-54-2/483305-57-3 341536-97-7
JAPAN: approved
PATENTED

APPLICATIONS

HAIR CARE: Clear Gel shampoos, Conditioners, 2-1 shampoos
SKIN CARE: Body washes, Lotions, moisturizers, Spray on creams.
SUN CARE: Spray on Sunscreens, Lotions, and creams
USE LEVEL: 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
Revised 081206

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