



**ZENICONE 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 Ricinoleate  
 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:**  
 8 MAX – ZAM 02  
**MOLECULAR WEIGHT:**  
 6000  
**ACID VALUE:**  
 5 MAX – ZAM 26

**COMPATIBILITY AND SOLUBILITY**

SOLVENT 90%	ZENICONE XQ 10%	
	50°C	Room Temp
Water	soluble	soluble
Glycerine 96%	insoluble	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

**GLOBAL DESIGNATIONS**

**INCI NAME:** PEG-8 Dimethicone, PEG 8 Ricinoleate, Polyquaternium 57

**EINECS:** Polymer Exempted

**CAS#:** 68937-54-2/9004-97-1/  
 341536-97-7

**Japan:** Permitted

**Canadian DSL** Listed

**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:** 1/4%-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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