



ZENICADO XQ

This Cold pressed Avocado oil based polymer retains its natural antioxidant properties, is **water soluble** and **blends clear** into any formula. It **improves volumizing** and **manageability** of dry and damaged hair. It has **high molecular weight**. The mildness of its cationic effects makes it possible to be safely used in skin care applications.

CHEMICAL STRUCTURE

PEG-8 Dimethicone
PEG-8 Avocadoate
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%	ZENICADO-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	soluble	soluble
Castor oil	dispersible	dispersible

GLOBAL DESIGNATIONS

INCI NAME: PEG-8 Dimethicone,
PEG-8 Avocadoate,
Polyquaternium 57

EINECS: Polymer Exempted
CAS # 68937-54-2/103819-44-9
341536-97-7

JAPAN: Permitted
Patented

APPLICATIONS

HAIR CARE: 2-1 Shampoos,
Shampoos, Clear Gel
conditioners,
Skin Care: Body washes, Liquid
Soaps, AP sticks
SUN CARE: Lotions, balms,
Spray on lotions
USE LEVELS 1-5%

PACKAGING

Pail 16 kilos
Drum 100 kg

SHELF LIFE

24 months in unopened
containers!
Toxicological data available!
We do not test on animals!
052104

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