



ZENICADO-XX

This natural Avocado polymer retains its natural antioxidant properties. While the higher molecular weight increases substantivity and creates a lubricious emollient feel in sun and skin applications. It maximizes volume and conditioning effects in shampoos and acts as a coupler for the oil water phase. It also goes clear into a formula assisting to the creation of clear gel products.

CHEMICAL STRUCTURE

PEG 8 Dimethicone
PEG 8 Avocadoate

CHEMICAL AND PHYSICAL PROPERTIES

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

COMPATIBILITY AND SOLUBILITY

SOLVENT 90%	ZENICADO-XX 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	dispersible	dispersible

GLOBAL DESIGNATIONS

INCI NAME PEG-8 Dimethicone, PEG-8 Avocadoate
EINECS: Polymer Exempted
CAS# 68937-54-2/103819-44-9

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 1-5%

PACKAGING

Pail 16 kilos
Drum 100 kilos
SHELF LIFE
24 months in unopened containers!
Toxicological data available!
We do not test on animals
060404

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