



ZENIBERRY C-XX

This Cold pressed Cranberry oil based 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.

CHEMICAL STRUCTURE

PEG 8 Dimethicone
PEG 8 Cranberriate

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%	ZENIBERRY C-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 and
PEG-8 Cranberriate
EINECS: Polymer Exempted
CAS NO. 68937-54-2/483305-63-1

PERSONAL CARE APPLICATIONS

Shampoos, conditioners
Styling Gels, Body Washes
Emulsions for skin and sun
Liquid soaps, moisturizers
AP Sticks, make up

SHELF LIFE
Eighteen months

PACKAGING

PAIL
16 kilos
35 pounds
DRUM
100 kg
220 pounds
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