



Technical Data Sheet

ZENICONE XX

This multi-functional **water soluble** polymer goes **clear into formulas** 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

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:
5 MAX – ZAM 02

MOLECULAR WEIGHT:
6000

ACID VALUE:
5 MAX – ZAM 26

COMPATIBILITY AND SOLUBILITY

SOLVENT 90%	ZENICONE XX 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

EINECS: Polymer Exempted

CAS#: 68937-54-2/9004-97-1/

Canadian DSL Listed

Japan: Permitted
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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