



Technical Data Sheet

ZENICONE IX

This versatile product is a **water soluble** silicone polymer. It is very substantive to hair and skin. This product is non-ionic and compatible with cationic and anionic surfactants. Additionally it **acts as a coupler** and blends **clear** into formulas. It contributes to volumizing in normal to oily shampoos. This unique compound has superb pigment Wetting and dispersion properties. It can be used in spray on sun and moisturizing applications.

CHEMICAL STRUCTURE

PEG-8 Dimethicone
PEG-8 Ricinoleate

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:	
Pale yellow liquid –	ZAM-18
FOREIGN MATTER:	
Absence –	ZAM-29
MELTING POINT:	
n/a –	ZAM-59
ODOR:	
Typical –	ZAM 16
COLOR:	
3 MAX –	ZAM 02
MOLECULAR WEIGHT:	
2624	
ACID VALUE:	
4 MAX –	ZAM 26

COMPATIBILITY AND SOLUBILITY

SOLVENT 90%	ZENICONE IX 10%	
	50°C	Room Temp
Water	soluble	soluble
Glycerine 96%	dispersible	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 95%	Soluble	Soluble

GLOBAL DESIGNATIONS

INCI NAME: PEG-8 Dimethicone, PEG-8 Ricinoleate.

EINECS: Polymer Exempted

CAS # 68937-54-29004-97-1

Japan: Permitted

Canadian DSL Listed

Patented

PERSONAL CARE APPLICATIONS

HAIR CARE: Conditioners, Leave on, Shampoos, Clear Styling gels, Sprays.

SKIN CARE: Liquid soaps, Body washes, Lotions, creams, moisturizers

SUN CARE: Sprayable creams and lotion sunscreens. Balms.

COLOR CARE: Foundations

USE LEVELS: 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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