



Technical Data Sheet

ZENIGLOSS Q-SE

This **water dispersible** quaternary compound based on **USP** quality castor oil forms a stable emulsion when mixed into cold or warm water. These unique properties result in an easy to use conditioning system that provides substantivity and gloss on all applications. In Nail Care, it minimizes dryness and moisturizes the skin.

It is 100% active!

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:

Amber liquid – ZAM-18

FOREIGN MATTER:

Absence – ZAM-29

MELTING POINT:

ODOR:

Typical – ZAM 16

COLOR

10 MAX – ZAM 02

MOLECULAR WEIGHT:

4800

ACID VALUE:

25 MAX – ZAM 26

GLOBAL DESIGNATIONS

INCI NAME:

Polyquaternium 57, PEG- 8 Ricinoleate

EINECS: Polymer Exempted

CAS # 341536-97-7

9004-97-1

Japan Approved

Patented

Canadian DSL Listed

CHEMICAL STRUCTURE

A condensation polymer of:
Castor oil Succinic acid
Isostearic acid and
Castor quat
and
PEG Ricinoleate

COMPATIBILITY AND SOLUBILITY

SOLVENT 90%

Water
Glycerine 96%
Propylene glycol
Mineral oil
Isopropyl myristate
Cyclomethicone
Octyl palmitate
Safflower oil
Ethanol (95%)

ZENIGLOSS Q-SE 10%

50°C
Dispersible
SI. Soluble
Insoluble
Insoluble
Insoluble
Insoluble
Insoluble
Insoluble
Insoluble

Room Temp.
Dispersible
SI.Soluble
Insoluble
Insoluble
Insoluble
Insoluble
Insoluble
Insoluble

PERSONAL CARE APPLICATIONS

HAIR CARE: Conditioners, Leave in conditioners. Color Conditioners, Detangling Rinses

SKIN CARE: Make up Removers Body washes,

SUN CARE: Spray on lotions

NAIL CARE: Polish, Removers

USE Levels 1-5%

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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