



# 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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