



Technical Data Sheet

ZENIGLOSS SE*

This self-emulsifying natural polymer is based on **USP quality** castor oil. When mixed into cold or warm water it readily forms a **stable emulsion**. Its high molecular weight improves skin feel and emolliency in any emulsion for sun, hair, skin and bath applications.

CHEMICAL STRUCTURE:

A polymer of:
Castor Isostearate Succinate
and PEG 8 Ricinoleate

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:
Light honey – ZAM-18

FOREIGN MATTER:
None – ZAM-29

ODOR:
Typical mild fatty – ZAM 16

COLOR:
- 4 MAX – ZAM 02

MOLECULAR WEIGHT
3825

ACID VALUE:
25 – ZAM 26

CHEMICAL DESCRIPTION:
Ricinoleic Succinic Polyester
and PEG Ricinoleate

GLOBAL DESIGNATIONS

INCI NAME: Castor Isostearate
Succinate, PEG 8 Ricinoleate
Canada DSL Listed

EINECS
Polymer Exempted

CAS # 68937-54-2
9004 97-1

Japan permitted
Patented

COMPATIBILITY AND SOLUBILITY

Solvent –90% Zenigloss SE 10%
50°C Room Temp.

Water	dispersible	dispersible
Glycerine 96%	dispersible	dispersible
Propylene glycol	dispersible	dispersible
Mineral oil	insoluble	insoluble
Isopropyl myristate	slightly soluble	slightly soluble
Cyclomethicone	insoluble	insoluble
Octyl Palmitate	insoluble	insoluble
Safflower oil	insoluble	insoluble
Ethanol (95%)	insoluble	insoluble

PERSONAL CARE APPLICATIONS

SKIN CARE: spray on
moisturizers, lotions, Body
washes, Liquid soaps

SUN: Spray on sunscreens, After
tan moisturizers

HAIR: Conditioners, leave in
Conditioners.

Use Levels 0.50-5.0%

PACKAGING

PAIL 16 kilos
DRUM 100 kilos

SHELF LIFE
36 months in unopened

Containers.
Toxicological Data available

We do not test on animals!
Revised 101706

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