



ZENOLIN

Zenolin is a vegetable replacement for lanolin oil. A natural polymer with NF quality oil of vegetable origin used in personal care applications. Its high viscosity and molecular weight (5700) contributes to improved adhesion and gloss. It will aid in producing strong stable sticks with a homogenous structure. It is an excellent wetting vehicle for organic and inorganic pigments. It may be used in skin and sun applications where superb barrier qualities are required.

CHEMICAL STRUCTURE:

A condensation polymer of:
Castor oil,
Succinic acid
and Isostearic acid

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE: Honey - ZAM-18
FOREIGN MATTER: None - ZAM-29
MELTING POINT: N.A. - ZAM-59
ODOR: Typical ester -ZAM 16
COLOR: 9 MAX ZAM 02
MOLECULAR WEIGHT: 5700
ACID VALUE: 32 MAX ZAM 26

COMPATIBILITY AND SOLUBILITY

Table with 4 columns: SOLVENT 90%, ZENOLIN 10%, 70°C, Room Temp. Rows list various solvents like Water, Glycerine, Propylene glycol, Mineral oil, etc.

GLOBAL DESIGNATIONS

INCI NAME: Castor Isostearate Succinate

CAS #:321573-76-6

EINECS: Polymer exempted

JAPAN: Permitted

Patented

PERSONAL CARE APPLICATIONS

Color Care; mascara, concealer sticks, eye liner pencils, gloss sticks, lipsticks, gloss pots
Skin Care; make up removers, moisturizers, balms, ointments.
Sun Care; sun tan oils and lotions
Hair Care; hair sprays, conditioners.
Use Levels; 0.5 -10%

PACKAGING

PAIL 16 kilos
DRUM 100 kilos

SHELF LIFE

Twenty four months

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