



ZENERBET®

Zenerbet® is a unique Guerbet polyester made from naturally derived dimer alcohol, dimer acid (succinic acid) and Guerbet Alcohol (octyl dodecanol). This 100% active branched Polymeric Guerbet, which has a molecular weight of 10,000+ is a hydrophobic product that can be used in a variety of hair, colour, skin and sun care applications. Zenerbet® is a branched liquid that lubricates and conditions skin and hair. Its high molecular weight has superb barrier qualities making it a wonderful product with dramatic effects in skin and sun care applications as well as in products for dry hair and scalp. Its hydrophobic nature prevents it from washing off.

TYPICAL PROPERTIES

Appearance at 25 °C:	Clear liquid.
Odor:	Typical ester
Colour (Gardner):	4 Max
Acid Value (mg KOH/g):	2 Max
Refractive Index:	1.45 to 1.49

GLOBAL DESIGNATIONS

Adopted INCI Name:
Octyldodecyl Dimer Dilinoleyl Alcohol / Succinic Acid / Copolymer

CAS Reg. No.: 874013-21-5
EINECS: Polymer Exempt
ECOCERT: Pending

Canada (DSL): Pending
China (IECSC): Pending
Australia (AICS): Pending
Korea (ECL): Pending
Japan (ENCS): Pending

STORAGE AND PACKAGING

Zenerbet® has a normal shelf life of 36 months when stored in sealed unopened containers in a cool dry location at temperatures between 15°C and 25°C.

Zenerbet® is available in 16 kg pails and 95 kg drums.

SOLUBILITY AND COMPATIBILITY

(Zenerbet® @ 10% & Solvent @ 90%)

Solvent	50 °C	25 °C
Water	<i>INSOLUBLE</i>	<i>INSOLUBLE</i>
Glycerin	<i>DISPERSIBLE</i>	<i>DISPERSIBLE</i>
Propylene Glycol	<i>INSOLUBLE</i>	<i>INSOLUBLE</i>
Mineral Oil	<i>SOLUBLE</i>	<i>SOLUBLE</i>
Isopropyl myristate	<i>SOLUBLE</i>	<i>SOLUBLE</i>
Cyclomethicone	<i>INSOLUBLE</i>	<i>INSOLUBLE</i>
Octyl palmitate	<i>SOLUBLE</i>	<i>SOLUBLE</i>
Eutonol G	<i>SOLUBLE</i>	<i>SOLUBLE</i>
DC-200	<i>INSOLUBLE</i>	<i>INSOLUBLE</i>
Ethanol (95%)	<i>INSOLUBLE</i>	<i>INSOLUBLE</i>
Castor Oil	<i>SOLUBLE</i>	<i>SOLUBLE</i>
Safflower oil	<i>SOLUBLE</i>	<i>SOLUBLE</i>

APPLICATIONS

Skin Care:

Moisturizers, skin creams & lotions, liquid soaps, and body washes.

Sun Care:

Spray able sunscreen creams & lotions, after sun moisturizers, and lip balms.

Hair Care:

Moisturizing hair creams, Conditioners for badly damaged hair, and shampoos.

Typical Use Levels: 0.5 to 10.0 %

