



Technical Data Sheet

ZENERBET

ZENERBET is a unique reacted polyester with Dimer alcohol, Dimer acid and Octyl Dodecanol. It is a branched liquid that lubricates and conditions skin and hair. **ZENERBET** is a high molecular weight (10000) polymer that is launching a new generation of products replacing Guerbet derivatives. **ZENERBET**, the barrier quality of this polymer has a dramatic effect in skin and sun care as well as the effect on dry hair and scalp. The use of **ZENERBET** in pigmented products will be extremely effective.

CHEMICAL STRUCTURE

Zenerbet is polyester made by the reaction of dimer acid, dimer alcohol and Octyl dodecanol.

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:	
Clear Liquid –	ZAM-18
FOREIGN MATTER:	
Free of –	ZAM-29
MELTING POINT:	
Liquid @ Ambient	ZAM-59
ODOR:	
Typical –	ZAM 16
COLOR:	
. 4 Max	ZAM 02
ACID VALUE:	
2 MAX –	ZAM 26

COMPATIBILITY AND SOLUBILITY

SOLVENT 90%	ZENERBET 10%	
	50°C	Room Temp
Water	insoluble	insoluble
DC 200	insoluble	.insoluble
Glycerine 96%	dispersible	dispersible
Eutanol G	soluble	soluble
Propylene glycol	insoluble	insoluble
Mineral oil	soluble	soluble
Isopropyl Myristate	soluble	soluble
Cyclomethicone	insoluble	insoluble
Octyl Palmitate	soluble	soluble
Safflower Oil	soluble	soluble
Ethanol 95%	insoluble	insoluble
Castor Oil	soluble	soluble

GLOBAL DESIGNATIONS

INCI NAME: Octyldodecyl Dimer Dilinoleyl Alcohol/Succinic Acid Copolymer

EINECS: Polymer Exempted

CAS # 874013-21-5

Japan: Pending

Patent Pending

PERSONAL CARE APPLICATIONS

HAIR CARE: Moisturizing hair creams, Conditioners for badly damaged hair, shampoos

SKIN CARE: Liquid soaps, Body washes, Lotions, creams, moisturizers
COLOR CARE, lip stick, foundations

SUN CARE: Sprayable creams and lotion sunscreens. Balms.

USE LEVELS: ¼%-10%

PACKAGING

Pail 16 kilos
Drum 100 kilos

SHELF LIFE

36 months in unopened containers

Toxicological data pending
We do not test on animals!
101706

The above information is believed to be accurate and if offered in good faith and for the benefit of the customer. Zenitech, however, cannot assume any liability or risk involved in the use of its products since conditions are beyond our control. Statements concerning the possible use of our products are not intended as recommendations in the infringement of any patent. These products are for commercial use only.

