



TECHNICAL DATA SHEET

TDS

ZENIBEE D

Zenibee D is a water dispersible wax based on Zenibee to be used for skin and hair care applications. The product is a marriage between a water soluble silicone and beeswax. The product will give a silicone skin feel. It forms a white emulsion spontaneously in water and is excellent in hair conditioners.

CHEMICAL STRUCTURE
BEESWAX
PEG-8 Cetyl Dimethicone

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:
Creamy paste– ZAM-18
FOREIGN MATTER:
None – ZAM-29
ACID VALUE:
5.0 MAX – ZAM-26
MELT POINT:
50 -60– ZAM 59
ODOR:
Typical mild fatty
ZAM 16
COLOR:
2 MAX – ZAM-02
MOLECULAR WEIGHT:
700
CHEMICAL DESCRIPTION:
Beeswax ,PEG-8 Cetyl Dimethicone

COMPATIBILITY AND SOLUBILITY

SOLVENT	50°C	ZENIBEE	Room Temp.
Water	Dispersible	Dispersible	Dispersible
Glycerine 96%	Dispersible	Dispersible	Dispersible
Propylene glycol	Dispersible	Dispersible	Dispersible
Cyclomethicone	Dispersible	Dispersible	Dispersible
Dimethicone	Dispersible	insoluble	insoluble
Isopropyl myristate	Dispersible	Dispersible	Dispersible
Mineral oil	Dispersible	Dispersible	Dispersible

GLOBAL DESIGNATIONS

INCI NAME: PEG-8 Cetyl
Dimethicone Beeswax
EINECS# Polymer Exempted
/232-383-7
CAS# 9446-32-6/ 8012-89-23

Japan Approval (pending)

PERSONAL CARE APPLICATIONS

Lipsticks, Lip Balm, Lip
Ointments ,AP Sticks
Eye pencils, Make up

Body Moisturizers & Lotions
Sun Screens, After Sun
moisturizer. Hair conditioners

SHELF LIFE
eighteen months

PACKAGING

PAIL

16 kilos

35 pounds
DRUM 100 kilos
220 lbs

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