



Koel Cosmetic Technologies

Speciality Ingredients Portfolio



**COLORS OF HAPPINESS**

Global Certifications:



*About KOEL:*

The global champion of dyes & pigments, Koel is an actual manufacturer of specialty pigments for Cosmetics, Personal Care, Home Care, Pharmaceutical, Food & Beverage, Pet Food & Animal Feed industries.

- 45+ years of legacy
- R&D support

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- 65+ countries distribution network
- Documentation Support
- Short lead time
- 30+ unique Q.C. checks

*About Koel Cosmetic Technologies:*

Koel presents a portfolio of unique ingredients & specialised Technologies for diverse range of Cosmetic & Personal care products, in order to enhance the functional properties of the products. These unique technologies help the formulators achieve exceptional results in the finished formulations with enhanced appeal.

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USFDA Certified Dyes & Pigments



CFDA Approved Pigments



# Pre-dispersed Hectorite Gels



KOSPERSE series presents a highly specialized portfolio of pre-dispersed gels to help the formulators achieve the right rheological properties for aqueous & non-aqueous formulations.

This range includes pre-dispersed & activated systems made from different types of cosmetic oils, esters & solvents, enabling excellent dispersibility of additives with minimum shearing. KOSPERSE gels have very high viscosity & shear thinning properties and are very easy to handle & use.

## Features:

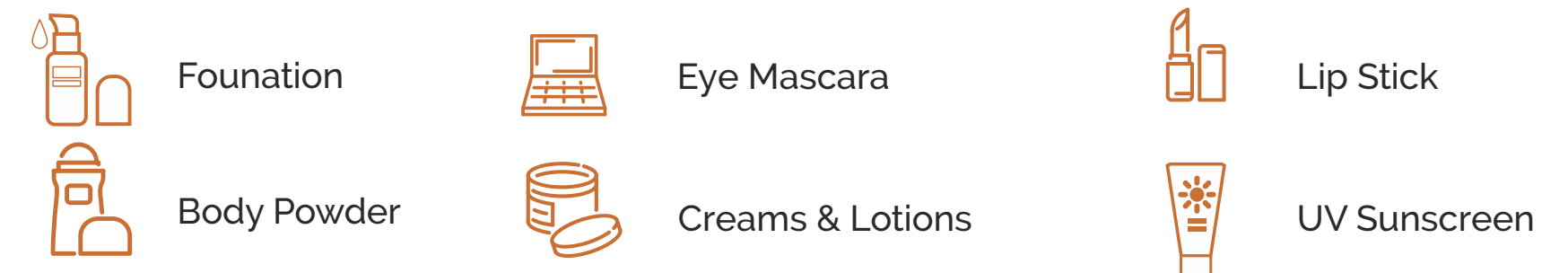
1. Thickens the formulation.
2. Enables very smooth application on surface.
3. Excellent Skin Feel.
4. Sheer thinning effect on application.
5. Application of listicks is very smooth & helps from intact films
6. Gel can be added at any convenient stage in the production cycle.



Product	Vehicle
KOSPERSE 001	Castor Oil
KOSPERSE 002	Diocetyl Adipate
KOSPERSE 003	Capryl / Capric Triglycerate
KOSPERSE 004	Iso-Propyl Myristate

Product	Vehicle
KOSPERSE 005	Octyl-12-Hydroxy Stearate
KOSPERSE 006	Isononyl Iso-Nonate (ININ)
KOSPERSE 007	Iso De-Decane (ISD)
KOSPERSE 008	Cyclopentasiloxane

## Applications:



# Non-nano, Water Dispersible Carbon Black

C.I. Number: 77266

Product Code: AC 2663 WB

INCI Name:

D&C Black 2, Citric acid, Sodium carbonate, Sorbitol, Cetareth- 25.

Features:

1. Dust free granules.
2. Disperses in water in 21 seconds.
3. FDA/China/Europe compliant.
4. Reduces dispersion cost & time.
5. Minimises health hazards.
6. Intense jet black.
7. No need of grinding.

ALTERED  KARBON

"Dust free/Water Dispersible Carbon Black"

The normal D&C Black 2 (Carbon black) available in market has tremendous formulation issues. The powder is very difficult to disperse in water/oil & also it blows of significantly making the factory premises completely dirty.

Also dispersions of carbon black in water & oil are available in market which are easy to formulate. But they are very costly & the customer has to pay unnecessary cost for transporting just the water/oil.



Applications:



Eye Mascara



Eye Liner



Shampoos & Soaps



Water Based Nail Polish

# Unique Matting Agent



Introducing, Koelex, an innovative mattifying technology based of alumina, which is completely inert & has excellent dispersibility in all kinds of colour cosmetic formulations. Koelex offers much more superior & soft matte effect compared to existing technologies of silica, etc.

## Features:

1. Transparent effect, natural & matte look, zero gloss, skin-friendly.
2. Resistance to heat, light, acids & alkali.
3. No pigment fading effect & exceptional dispersion stability.
4. Superior surface smoothness.
5. Long lasting shelf life in original packs.
6. Tough flexible coat, excellent matte protection in nail polishes.
7. Provides smudge free in Lipsticks, with no side-rings formation or hardening of stick.



## Available in 3 versions:

### KOELEX NM (NORMAL MATTING)

- INCI Name: Alumina
- Excellent satin effect
- Particle size: 7 to 8 micron
- Specific surface area BET N<sub>2</sub>: >180 ± 30 sq.m./g.
- Code: KOELEX 1007

### KOELEX HM (HIGH MATTING)

- INCI Name: Alumina & Silica
- Natural matte effect
- Particle size: 9 to 10 micron
- Specific surface area BET N<sub>2</sub>: >180 ± 30 sq.m./g.
- Code: KOELEX 1009

### KOELEX SM (SILICA MATTING)

- INCI Name: Silica
- Matte, sandy effect
- Particle size: 6 to 7 micron
- Specific surface area BET N<sub>2</sub>: >250 ± 30 sq.m./g.
- Code: KOELEX 1008

## Applications:



Lipstick & Lip Gloss



Blushers & Compact powders



Foundations



Nail Polish



Eye Mascara & Eye Shadows



UV Sunscreen

# Ready to use Colour Muds

**KOELLIP**  
Ready to use Dispersions  
for Lip-care

Koel offers a diverse range of pigments available in pre-dispersed format in wide range of medium with excellent consistency & stability. These colour dispersions are completely ready to use with minimum efforts in mixing with the bases.

Dispersions available in following medium:

- Castor Oil
- C.C.T.G. (Capro-capryl tri glycerate)

## Product Basket:

COLOUR DISPERSIONS	FD&C/D&C NO.	PRODUCT CODE	PRODUCT CODE
Iron Oxide Red		Koellip 391	Koellip 391 TG
Iron Oxide Yellow		Koellip 392	Koellip 392 TG
Iron Oxide Black		Koellip 399	Koellip 399 TG
Iron Blue		Koellip 320	Koellip 320 TG
Titanium Dioxide		Koellip 389	Koellip 389 TG
Flaming Red	D&C Red 36	Koellip 385	Koellip 385 TG
Lithol Rubine B(Ca Lake) Dark Shade	D&C Red 7 Ca Lake	Koellip 111	Koellip 111 TG
Lithol Rubine B(Ba Lake)	D&C Red 6 Ba Lake	Koellip 511	Koellip 511 TG
Lithol Rubine B(Ca Lake) Light Shade	D&C Red 7 Ca Lake	Koellip 112	Koellip 112 TG
Deep Maroon	D&C Red 34 Ca Lake	Koellip 381	Koellip 381 TG
Lake of Tartrazine (Al Lake)	FD&C Yellow 5 Al Lake	Koellip 340	Koellip 340 TG
Lake of Brilliant Blue (Al Lake)	FD&C Blue 1 Al Lake	Koellip 390	Koellip 390 TG
Lake of Tetra Bromo Fluorescein	D&C Red 21 Al Lake	Koellip 380	Koellip 380 TG
Lake of Phloxine B	D&C Red 27 Al Lake	Koellip 041	Koellip 041 TG



## Applications:



Lipstick



Lip Gloss

# Water Soluble Salicylic Acid

**TARGET SA**  
WATER DISPERSIBLE SALICYLIC ACID.

Unique encapsulation technology of Salicylic Acid for 100% solubility in aqueous phase, without crystallization for skin care applications.

INCI Name : Salicylic Acid USP Grade, Co-polymer and additives

HS Code: 28230090

Product Code: TARGET SA-050

Storage: Room temperature in dry place.

Suggested dosing: 4gm in 100 ml (active salicylic acid 2% w/v.)

Physical characteristic: White, odourless powder

Benefits of using Target SA in end formulations:

- 100% soluble in water
- Crystallization at 3-5 pH
- No skin irritation
- Carbomer compatible



## Applications:



Skin Toner



Anti-acne Creams



Anti-acne Lotions



Anti-fungal Shampoos



Cosmetics Face Mask



Anti-acne Soaps

# Inorganic UV Blocker

**TARGET200**  
UV INORGANIC BLOCKER

Target 200 is a technology for non-nano, Inorganic physical UV blocker for sunscreen formulations with a very superior transparency on application & requirement of very less concentration in formulations.

INCI Name : Silica and Titanium Dioxide

Colour : White

Product Code : Koel-2011

Storage: Room temperature in dry place.

Benefits of using Target 200 in end formulations:

- Non-nano
- Very high transparency
- No white patch on skin
- No harm to coral reef
- Low Dosage (Percentage concentration 2 to 2.5)
- Compatible with Organic Sunscreens (Avobenzone)



## Applications:



UV Sunscreen Foundation



UV Sunscreen Creams



UV Sunscreen Gel

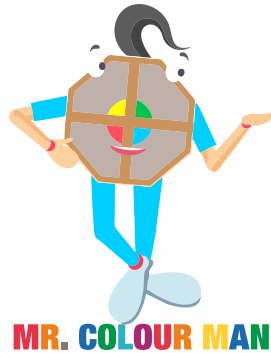


UV Sunscreen Powder



UV Sunscreen Lotions





Explore the  
World of Colours...



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