

KOSPERSE - 001 (PRE DISPERSED GEL OF CASTOR OIL) TECHNICAL DATA SHEET

PRODUCT DETAILS :

- Product : Pre Dispersed Gel of Castor Oil
- Product code : Kosperse - 001
- Chemical Name : Non Hygroscopic organic derivative of Castor Oil
- INCI Name : Castor Oil

PHYSICAL PROPERTIES :

- Composition : Organic derivative of castor oil Color
- Form : Gel
- Density at 25°C : 1.02 g/cm³
- Ash content : 0 %
- Melting point : 85 °C (185 °F)
- Incorporation temperature (in liquid products) : 43 °C - 54 °C (110 °F – 130 °F)

KEY PROPERTIES :

- Adds thixotropic body and controls viscosity
- Reduces settling of pigments and extenders
- It controls sag without impairing flow
- It produces optimum levelling in paints
- It controls liquid penetration into porous surfaces
- It has no adverse effect on durability and lightfastness
- It is non-yellowing
- It has excellent package stability
- It improves flow and levelling of powder coatings
- It is an excellent binder for tablets, granules and cosmetics pressed powder

MICROBIAL PROPERTIES :

- Micro test : ≤ 100 CFU/g bacteria, ≤100 CFU/g Yeast & Mold Combined
- Pathogens : Nil

APPLICATION :

- Gelcoats and surfacers based on unsaturated polyesters

Koel Colours Private Limited

Information presented herein is believed to be accurate and reliable but is not intended to any specification and does not imply any guarantee or warranty by Koel Colours Private Limited. For more Information and assistance, contact at,

Head Office : F – 11, Nandjyot Ind. Premises, Andheri – Kurla Road, Sakinaka, Andheri (E) , Mumbai – 400 072, India

Phone no.: +91 22 677 23456, Fax No.: +91 22 677 23406,

Manufacturing Unit :

1. Plot No. Ex – 10, GIDC, Vapi, Gujarat
2. Plot No. 911, GIDC, Sarigam Gujarat
3. Plot 36, GIDC, Sarikha, Gujarat

Email.: sales@koelcolours.in (For India) sales.int@koelcolours.in (For Global)

Website : www.koelcolours.com, www.surfacetreatedpigments.com

ISSUE	DOCUMENT NO	EXT REVIEW
NO.: 01	DATE : 01.04.2018	DATE : 31.03.2021

TDS is Computer generated and therefore valid without signature

KOSPERSE - 001 (PRE DISPERSED GEL OF CASTOR OIL) TECHNICAL DATA SHEET

- Cosmetics
- Pharmaceutical

SHELF LIFE

- 5 years, provided it is stored in dry, clean, opaque sealed containers at room temperature.

STORAGE RECOMMENDATIONS

- Kosperse – 001 should be kept in a cool, dry location. Avoid stacking pallets in hot climates.

COUNTRY OF ORIGIN :

- INDIA

GENERAL PRODUCT INFORMATION :

Koel Colours Private Limited

Information presented herein is believed to be accurate and reliable but is not intended to any specification and does not imply any guarantee or warranty by Koel Colours Private Limited. For more Information and assistance, contact at,

Head Office : F – 11, Nandjyot Ind. Premises, Andheri – Kurla Road, Sakinaka, Andheri (E) , Mumbai – 400 072, India

Phone no.: +91 22 677 23456, Fax No.: +91 22 677 23406,

Manufacturing Unit :

1. Plot No. Ex – 10, GIDC, Vapi, Gujarat
2. Plot No. 911, GIDC, Sarigam Gujarat
3. Plot 36, GIDC, Sarikha, Gujarat

Email.: sales@koelcolours.in (For India) sales.int@koelcolours.in (For Global)

Website : www.koelcolours.com, www.surfacetreatedpigments.com

ISSUE	DOCUMENT NO	EXT REVIEW
NO.: 01	DATE : 01.04.2018	KCPL(KOSPERSE)/TDS/0001
		DATE : 31.03.2021

TDS is Computer generated and therefore valid without signature

KOSPERSE - 001 (PRE DISPERSED GEL OF CASTOR OIL)
TECHNICAL DATA SHEET

Kosperser - 001 is synthetically derived and it is not manufactured using raw materials of Plant or animal origin, wheat or other grains; therefore it is considered to be free from Bovine Spongiform Encephalopathy (BSE), Genetically modified Organisms (GMO) and Gluten. Also, the product does not contain any palm oil, Preservatives, Pesticides or any of the 26 allergens listed in the EU regulation No 1223/2009 as intentional ingredients. **Kosperser - 001** does not contains any solvents (Class 1, Class 2, Class 3 and Class 4) as defined by USP <467> during its Manufacture. It also does not contain any known or international amounts of Aflatoxin/Dioxin, phthalates or any of the other materials listed below. However, this product has not been analyzed by us for these substances and no actual data is available.

- Nitrosamines and Aromatic Amines
- Polycyclic Aromatic hydrocarbons
- Butyl Benzyl phthalate (BBP)
- Diisononyl Phthalate (DINP)
- Diethylene Glycol
- Ethylene Oxide
- Diethyl Phthalate
- Di-n-octyl Phthalate (DNOP)
- Acrylamide
- Glycol Ether
- Dibutyl Phthalate (DBP)
- Diisodecyl Phthalate (DIDP)
- 1-4 Dioxane
- Formaldehyde
- Diethylhexyl Phthalate (DEHP)

We have not performed animal testing on this product. Additionally, it is not classified as CMR under current EU directives.

Please refer to the Material safety data sheet for safety of this product.

Koel Colours Private Limited

Information presented herein is believed to be accurate and reliable but is not intended to any specification and does not imply any guarantee or warranty by Koel Colours Private Limited. For more Information and assistance, contact at,

Head Office : F – 11, Nandjyot Ind. Premises, Andheri – Kurla Road, Sakinaka, Andheri (E) , Mumbai – 400 072, India
 Phone no.: +91 22 677 23456, Fax No.: +91 22 677 23406,

Manufacturing Unit :

1. Plot No. Ex – 10, GIDC, Vapi, Gujarat
2. Plot No. 911, GIDC, Sarigam Gujarat
3. Plot 36, GIDC, Sarikha, Gujarat

Email.: sales@koelcolours.in (For India) sales.int@koelcolours.in (For Global)

Website : www.koelcolours.com, www.surfacetreatedpigments.com

ISSUE		DOCUMENT NO	EXT REVIEW
NO.: 01	DATE : 01.04.2018	KCPL(KOSPERSE)/TDS/0001	DATE : 31.03.2021

TDS is Computer generated and therefore valid without signature