

Catcol®



Performance Polymers

for Personal & Home Care



Plant Based Natural and
Nature-Derived Hydrocolloids



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Performance Polymers for Personal & Home Care Plant Based Natural & Nature-Derived Hydrocolloids

FUNCTIONS

- Conditioning

- Rheology

- Texture

- Actives Retention

- Sensorial

- Suspension

- Actives Carrier

- Actives Deposition

APPLICATIONS

Haircare

- Conditioners
- Shampoos
- Conditioning Shampoos
- Hair Detangling
- Hair Colour

Personal Hygiene

- Shower / Bath Products
- Handwash & Sanitisers
- Facial Cleansers

Skincare

- Face, Neck & Body
- Sun Protection
- Hand, Nail & Foot
- Colour Cosmetics
- Shaving & Depilatories
- Creams & Lotions
- Gels & Serums
- Peel-off Face Masks

Homecare

- Rheology
- Fabric Softener

Products are formulated with the hydrocolloids & functional ingredients listed below

- **Plant Seeds** - •Guar Gum •Hydroxypropyl Guar •Guar Hydroxypropyl Trimonium Chloride •Guar Hydroxypropyl Trimonium Chloride Hydroxypropyl •Carboxymethyl Guar •Hydroxypropyl Guar •Carboxymethyl Tamarind Gum •Cassia Hydroxypropyl Trimonium Chloride

- **Plant Saps** - •Gum Arabic

- **Marine Plants** - •Carrageenan •Alginate •Agar

- **Citrus & Apple peels** - •Pectin

- **Sugar Fermented Hydrocolloids** - •Xanthan Gum

- **Plant Fibres** - •Guar •Psyllium •Inulin •FOS •Citrus

- **Hydrocolloid & Functional Ingredient Blends**



Application Guide

Grade	C-135	C-HM-14	C-322	C-HL-17	C-LL-14	CH-LM-11	H-HM-7	C-LH-17	PC 474	SBW-98	SF-23	Smart Peel
Appearance	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder	Cream - light yellow powder
INCI Name	Guar Hydroxypropyl Trimonium Chloride	Guar Hydroxypropyl Trimonium Chloride	Guar Hydroxypropyl Trimonium Chloride	Guar Hydroxypropyl Trimonium Chloride	Guar Hydroxypropyl Trimonium Chloride	Guar Hydroxypropyl Trimonium Chloride	Hydroxypropyl Guar	Guar Hydroxypropyl Trimonium Chloride	Blend of Guar Fiber (PHGG), Gum Arabic, Xanthan Gum, Carrageenan	Blend of Guar Fiber (PHGG), Gum Arabic, Xanthan Gum, Carrageenan	Blend of Guar Fiber (PHGG), Gum Arabic, Xanthan Gum, Carrageenan	Blend of Guar Fiber (PHGG), Xanthan Gum, Pectin, Sorbitol, EDTA, Sodium Benzoate
Ionic Charge	Cationic	Cationic	Cationic	Cationic	Cationic	Cationic	Nonionic	Cationic				
1% water viscosity, cps	3,000-4,000	3,000-4,000	850-1,500	2,000-4,000	24-65	300-1,000	2,500-4,000	300-1000	300-1,000	700-1,000	500-1,200	30-50
Shampoo	•••	•••	•••	•••	••	•••	••	•••				
Conditioner	•••	•••	•••	•••	••		•	•••				
Conditioning Shampoo	•••	•••	•••	•••	••		•	•••				
Hair Colour	•	•	•	•	•		•	•				
Hair Detangler					••			•••				
Shower Products	••	••	••	••	••		•••	••	•••	•••	•••	
Hand Sanitiser							•					
Facial Cleaner						•••	•		•••	•••	•••	
Facial Cleaner (suspended beads)										•••	•••	
Face & Neck Care	•	•	•	•	•	•••		•	•••		••	
Body Care	••	••	••	••	•		•	••	•••		••	
Sun Care	••	••	••	••	•		•	•	•••		••	
Peel-off Face Mask												•••
Face Serum									••		•••	
Aloe Vera Gel									•••		••	
Hand, Nail & Foot	•	•	•	•	•		•	•	•	•		
Colour Cosmetics	•	•	•	•	•		•	•	•	•	••	
Shaving & Depilatories	•	•	•	•	•		•	•	•	•		

••• Highly Recommended •• Recommended • Suitable



Lucid Colloids Ltd., based in India, has been in the hydrocolloids business since 1958, for 65 years. The company has 3 manufacturing plants in India, a 40-acre Agri Research Station and Lab, corporate head office in Mumbai and 2 overseas subsidiaries in the USA and the Netherlands, with 350 employees, in total.

More than 200 products from Lucid are utilised in various sectors such as Personal & Home Care, Food, Pharma & Nutrition, Oil & Gas, Paper, Mining, Textiles, Explosives, Paints & Construction Materials, Tobacco, and more. These products are sold in more than 30 countries directly to customers, via Lucid's subsidiaries and through a network of agents & distributors.

Lucid also runs sustainable sourcing and organic farming initiatives for Guar in India, involving a group of approximately 3,000 Guar farmers. Annually, the company supports 50,000 Guar farming families spanning across 375,000 acres in the arid zones of west and north-west India.

Certifications

- ISO 9001 • ISO 14001 • ISO 45001 • FSSC 22000 • USFDA cGMP • BRCGS ("A" Grade)
- EfCI GMP • SA 8000 • SEDEX (Smeta 4-Pillar) • Vegan • Non-GMO • Kosher • Halal • Organic



Lucid Colloids Ltd.

**401A Navbharat Estates, Zakaria
Bunder Road, Sewri West,
Mumbai 400015, India.**



+91 22 24158059



mdesai@lucidcolloids.com



<http://www.lucidcolloids.com/>

