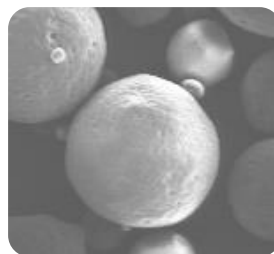
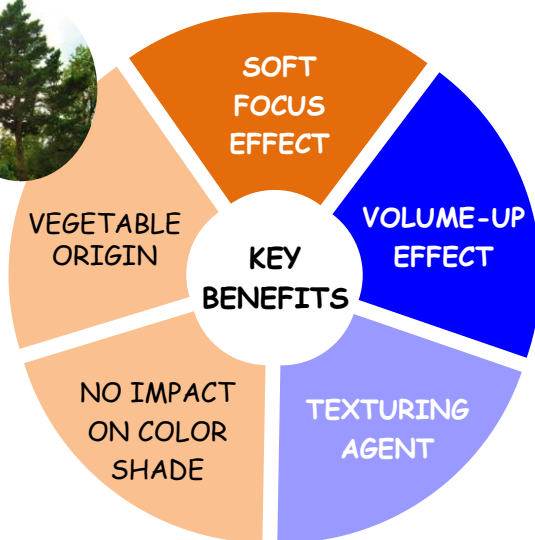


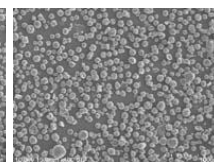
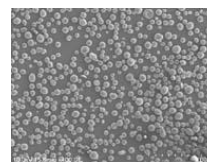
COMPOSITION	
INCI Name	CELLULOSE
CAS Number	9004-34-6
EC Number	232-674-9



	D-5	D-10
Particle size (μm)	5-10	10-15
Oil absorption (ml/100g)	~ 70	~ 60
Water absorption (%)	~150	~140



COSMOS
APPROVED



Chemical and physical properties

- White to yellowish free-flowing beads
- Odorless
- Superior hydrophilicity
- Biodegradable and renewable:
Biodegradability index > 67% according to OECD 301F standard



Use guideline

- Hydrophobic surface-treated grades are available (OTS, S-STM): High water repellency and softer feeling

Emulsions:

- Incorporate either in the water (untreated grades) or oil phase or after the emulsion is formed.
- The low oil absorption permits the incorporation of CELLULOBEADS D-10 without initial or long term viscosity changes.

- Use level: 0,1-2%

Powders:

- Mix with other powders
- Prevent reagglomeration of powders
- No impact on color shade
- Use level: up to 10%

Formulation

- **pH:** useful over a wide range of pH
- **Heat:** stable
- **Treated pigments:** compatible with all DAITO's treatments
- **Alcohols:** compatible
- **Organic solvents:** compatible
- **Thickeners:** compatible with carbomers, xanthan gums, acrylic biopolymers (MAKIMOUSSE) and cellulose derivatives (MOISPRAY C)

Color shade

TiO₂
+
untreated red iron
oxide



CELLULOBEADS
D-10
+
ASL- red iron
oxide



CELLULOBEADS
D-10
+
OTS-red iron
oxide



CELLULOBEADS
D-10
+
MST-red iron
oxide



Volume-UP effect in mascara



BLANK



CELLULOBEADS D-10

A colored grade of CELLULOBEADS D-10 is added at 5% in the formulation. They volumize and separate lashes giving the look of naturally luscious lashes

Cosmetic benefits

- Enhance the spreadability and give softness to the application
- Volume effect mascara: separate the lashes and give volume

Applications

SKIN CARE PRODUCTS

DC/E665 Yoghurt Body Cream (D-10)
DC/E730 Decongestant Serum (D-10)
DC/E731 Nourishing Serum (D-5)
DC/E750 Natural Antioxidant Gel-cream (D-5)

HAIR CARE PRODUCTS

DH/E484 Natural Dry Shampoo (D-10)
DH/E547B Fixative Hair Cream Sprayable (D-10)

LIPS

DLP/E515B Satiny Velvet Lipstick (D-5)
DLP/E687 Colored Lipcream in Balm Stick (D-5)
DLP/E692 Cosmos Lipstick (D-10)

SUN CARE PRODUCTS

DS/E696 Sunscreen Cream - SPF40 (D-10)

VOLUME-UP MASCARAS

DM/E732 Volum & Long Lash Mascara (D-5)
DM/J086 Volumizing Separate Mascara (D-10)

FOUNDATIONS

DF/E554 Natural Velvet Poured Foundation - SMS (D-10)
DL/E733 Cosmos Shake-it Oil Foundation (D-5)
DL/E706B Eco-friendly Mewy Liquid Foundation (D-10)
DF/E748 Creamy Natural Powder Foundation ASL-Talc Free (D-10)

Safety and regulatory information

Product safety: CELLULOSE produces non irritation to the skin and is non mutagenic. It is mildly irritating to the eyes.

Material Safety Data Sheets are available for all DAITO KASEI products.

REACH: CELLULOSE is exempted from registration

CELLULOSE is listed on the major chemical inventories such CTFA, CosIng, AICS, DSL, KCID, IECIC2003 and/or IECIC2015.

For additional information

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