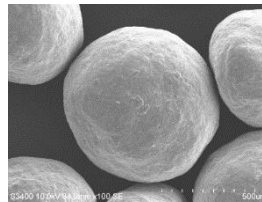


COMPOSITION

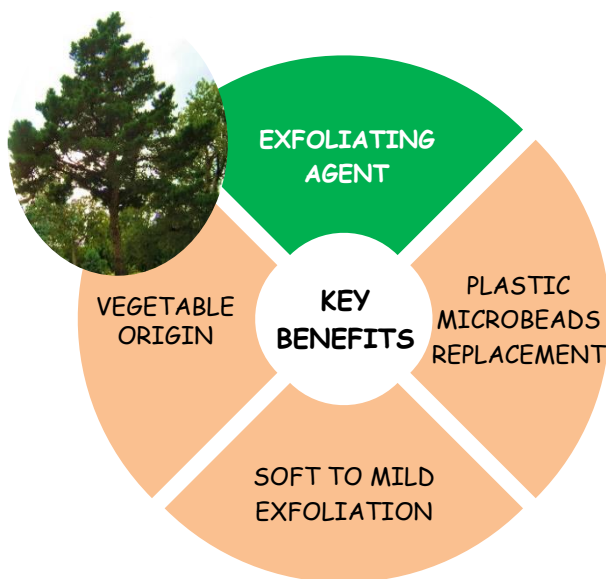
INCI Name MICROCRYSTALLINE CELLULOSE

CELLULOBEADS MC are available in 3 grades:

- CELLULOBEADS MC 200
- CELLULOBEADS MC 500
- CELLULOBEADS MC 700



	CELLULOBEADS MC 200	CELLULOBEADS MC 500	CELLULOBEADS MC 700
Particle size	200 μm	500 μm	700 μm



Chemical and physical properties

- Spherical beads
- White to yellowish
- Odorless
- Biodegradable and renewable

Use guideline

- The spherical shape surface provides soft to mild exfoliating properties. Round particles are less irritating than irregularly shape particles
- Suitable as PE alternative
- Formulas should have sufficient yield values to keep the beads suspended
- Easy to use
- CELLULOBEADS MC 200 are ideal for exfoliating facial scrubs
- CELLULOBEADS MC 500 are suitable for facial (in combination with MC 200) and body scrubs
- CELLULOBEADS MC 700 are ideal to add visual appeal to the cosmetic products

Emulsions:

- Incorporate after the emulsion is formed
- Use level: up to 10 %

Gels:

- Incorporate after the gel is formed
- 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)

Cosmetic benefits

- Leave skin smooth and soft (MC 200 & MC 500)
- Bring a tactile or visual appeal to the cosmetic products

Applications

SCRUBBING GELS

DKE 269 Jelly oil make-up remover scrub
CELLULOBEADS MC 200

PEELING PRODUCTS

DKE 291 Moisturizing smoothie peeling
CELLULOBEADS MC 200, MC 500 or MC 700

Safety and regulatory information

Product safety: MICROCRYSTALLINE CELLULOSE produces non irritation to the eyes and the skin and is non mutagenic.

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

REACH: MICROCRYSTALLINE CELLULOSE is exempted from registration

MICROCRYSTALLINE CELLULOSE is listed on the major chemical inventories such CTFA, CosIng, AICS, DSL, KCID, IECIC2003 and/or IECIC2014.

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