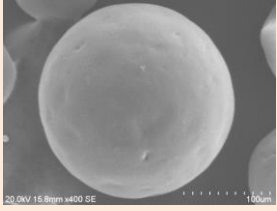

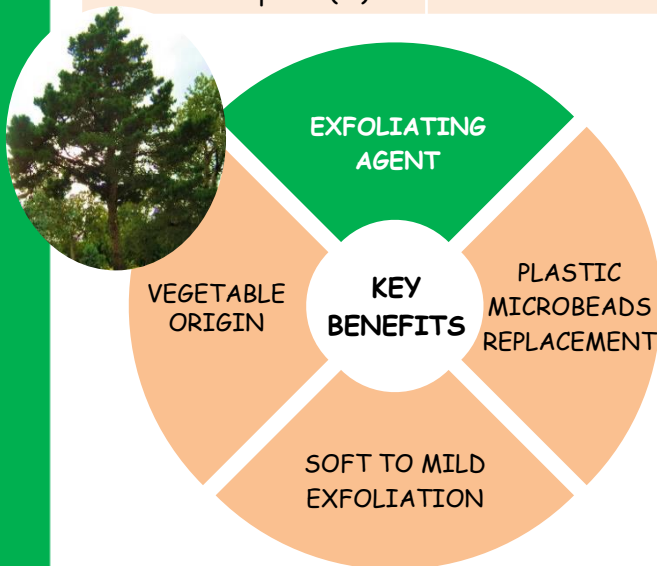


COMPOSITION	
INCI Name	CELLULOSE

	CELLULOBEADS D-200	CELLULOBEADS D-500
Particle size	150-200 μm 	400-500 μm 
Oil absorption (ml/100g)	~ 50	~ 240
Water absorption (%)	140	400-500



Chemical and physical properties

- White to yellowish free-flowing beads
- Odorless
- Superior hydrophilicity
- Biodegradable and renewable

Use guideline

- The spherical shape surface provides soft to mild exfoliating properties. Round particles have less irritating than irregularly shape particles such as ground apricots kernels and nutshells.
- Formulas should have sufficient yield values to keep the beads suspended
- Easy to use
- CELLULOBEADS D-200 are ideal as a gentle exfoliating agent for sensitive skin due its smooth surface
- CELLULOBEADS D-500 are suitable for scrubs

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

- Provide exfoliating and massaging action for scrub and body wash application
- Leave skin smooth and soft

Applications

SCRUBBING GELS

DKE 224 Scrubbing gel for body
CELLULOBEADS D-500

PEELING PRODUCTS

DKK 025 Smoothie peeling
CELLULOBEADS D-200

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 IECIC2014.

For additional information Please contact:

DAITO KASEI EUROPE SAS
62 boulevard Henri Navier
Taverparc Bât 5.2
95150 Taverny - FRANCE
☎ : +33(0)1 30 40 01 01
☎ : +33(0)1 30 40 01 11
✉ : dkeurope@dkeurope.fr

HEAD OFFICE
DAITO KASEI KOGYO Co., LTD
1-6-28 Akagawa, Asahiku
Osaka - JAPAN
☎ : 81 6 6922 1632
☎ : 81 6 6921 9562

DAITO KASEI CHINA
6F/room 612
555 Wuding road Jing An District
Shanghai, CHINA 200040
☎ : +86 21 32 53 25 16

The information presented within this sheet is offered in good faith, and is based on our present state of knowledge. It is offered for informational and evaluation purposes only. Users of DAITO KASEI product should initiate their own testing to determine the suitability of this product for their intended purpose. DAITO KASEI assumes no liability or responsibility for any damage to person or property resulting from the use of this product or the incorporation of this product into any final formulation or product. Statements concerning the use of this product are not to be construed as a recommendation, suggestion or inducement to use the product in any way or within any formulation that is unlawful to create or sell, that violates any applicable regulations or that infringes upon any patent. No liability arising out of such a use is assumed.