



CocoaDesign™ S

The feel good energizing cocoa ethyl ester emollient



**DERIVED NATURAL
ACCORDING TO
ISO 16128¹**



**COSMOS
APPROVED²**



BIODEGRADABLE³



VEGAN SUITABLE⁴

Origin:

- INCI: Ethyl Palmitate (and) Ethyl Stearate
- Cacao (*Theobroma cacao*)
- CocoaDesign™ S is derived from sustainable cocoa butter which is hydraulically pressed and refined

Benefits & Functions:

- Delivers rich texture, firmness and cushion effect in formulations
- Melts easily on the skin; leaves a light film
- Increased longer term skin hydration
- Enhanced skin barrier function
- Non-comedogenic
- High oxidative stability

Technical data:

- Off white solid; hard butter texture
- Dose of use: 1-60%
- Process: Hydrogenation / Transesterification of Sustainable Promise Cocoa Butter and Ethanol
- Handling: Bring to 45-50°C and mix for uniformity

Uniqueness:

- Evokes cocooning, enjoyable, pleasure and energizing emotions⁵



Discover more
about our
ingredients



Applications



Formulation tips

- Easily added to the oil phase during processing
- When using in excess of 15%, it is recommended adding another emollient to the oil phase to prevent crystallization

For more formulation tips and application examples:



Compatibility

- Zinc Oxide and Titanium Dioxide (both treated and untreated)
- Highly compatible with other emollients (silicones, esters, triglycerides) and surfactants
- Can be used in a variety of finished product applications

Product Details:

- Shelf Life: 2 years
- Packaging: 16kg pail (standard)

Contact us at: beauty@cargill.com

¹ ISO 16128-1:2016 and ISO 16128-2:2017

² Cosmos standard v3, June 2020

³ This product when tested was found to be readily biodegradable according to OECD 301 F.

⁴ The responsibility of a vegan claim lies with the cosmetic manufacturer. Please consult your own legal or regulatory experts to ensure suitability of the product with your preferred standard.

⁵ Emotional characterization developed by EmoChar® and Emospin®

⁶ Cargill has not tested CocoaDesign™ S in final OTC drug formulations. Compliance with FDA regulations is the responsibility of the customer.

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