



Add Goodness

TAISET OG-C
NATURAL OIL SOLUBLE
THICKENER



ADEKA – WHO WE ARE

ADEKA Corporation is a Japanese chemical company with more than a century of experience in the cosmetics and detergents market, having nowadays more than 12 offices, 4 R&D and 15 production sites worldwide.

ADEKA is a global company with polymer additives business organizations in Japan, Korea, Taiwan, Thailand, Singapore, China, India, USA and Europe. With global R&D centers, responsive sales and logistics organizations and a worldwide distribution network, ADEKA offers a broad portfolio of products to customers worldwide.

ADEKA has been present in the surfactants market in Europe for more than 20 years now. In 1999, ADEKA centralized their European sales activities in a new head office, ADEKA Europe GmbH, in Düsseldorf, Germany.

ADEKA has a dedicated Research & Development group equipped with latest technology and modern facilities for testing and evaluation of additives performances, which help to provide innovative solutions to the market.



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Our Distributors

As a global chemical manufacturing company, ADEKA has established an effective global distribution network, utilizing qualified distributors and serving all targeted markets around the world. The company is fully dedicated to serving our small customers, and the distribution strategy is structured by geographic region.



TAISET OG-C

**INCI: POLYGLYCERYL-20 OCTADECABEHENATE/
HYDROXYSTEARATE**

Taiset OG-C is a novel breakthrough aesthetic modifier designed to deliver rheology properties and benefits while covering range of oils/waxes. It gives various textures from balm-like hardness over slightly cushioning oil to bouncy textured cream, even enabling very subtle and delicate sensorial perception. Providing a velvety melting texture, enchanting spreadability, smoother final touch, yet not causing stickiness on skin. Allowing less color change and more stability.



BENEFITS

- Forms translucent gel-to-milk cleansers
- Excellent stability, spreadability and rinsability
- Stabilizes suspensions, anhydrous gels, and emulsions
- Brings a luxurious smooth and silky skin feeling
- Mild & safe to the skin
- Moisturising properties
- Compatible with esters and non-polar oils
- Leave-on and rinse-off
- ISO 16128

SAFETY DATA

STUDY	TEST METHOD	RESULT
Skin Sensitization	HRIPT	10% (in Vaseline): Non sensitization (n=31)
Skin Irritation	24-hour Patch Test	10% (in Vaseline): Skin irritation index 0.0 (n=20)
	LabCyteEPI-MODEL24 OECD TG439	10% (in mineral oil): Non-irritating
Eye Irritation	BCOP OECD TG437	10% (in mineral oil): Not requiring classification IVIS; 0.6±0.1
Mutagenicity	Salmonella Typhimurium, Ames test	100% test substance Negative

APPLICATIONS

- OW & WO emulsions
- Sun care formulations
- Color cosmetics (foundations, lip products etc.)
- Skin care lotions and creams
- Cleansing oils & balms & sticks
- Recommended dosage: 0.5-5%

The combined use of TAISET OG-C, and auxiliary ingredients having hydroxyl group (e.g. oils, surfactants, polyols etc.) enables to achieve far enhanced thickening/gelling effects with viscosity recovery against a range of oils.

DOSAGE OF AUXILIARY	CETYL ETHYLHEXANOATE	ISONONYL ISONONANOATE	MINERAL OIL
0%	-	-	-
1%	+	++	++
3%	+	++	++
5%	++	++	++

Composition:

TAISET OG-C 2%
Oil 93-98%
Auxiliary (SUNOIL DDI) 0-5%

Procedure:

Dissolve at approx. 85°C,
Cool down to room temperature under agitation.

Evaluate each appearance the next day of preparation

++ : No fluidity

+ : Viscous but loose gel

- : Fluidity close to water (separation)