Eat Well, Live Well.

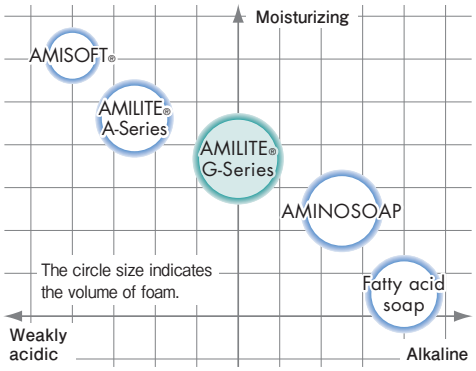
AJINOMOTO

Amino acid-based anionic surfactant

AMILITE® GCS-11・GCK-11

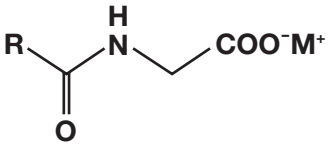
AMILITE® GCS-11・GCK-11 are cleansing agents derived from glycine and palm fatty acid. They are suitable for paste and bar type cleansing. AMILITE® leaves refresh feeling on the skin after rinsing without dry feeling.

Image map of cleansing agents





Molecular Structure





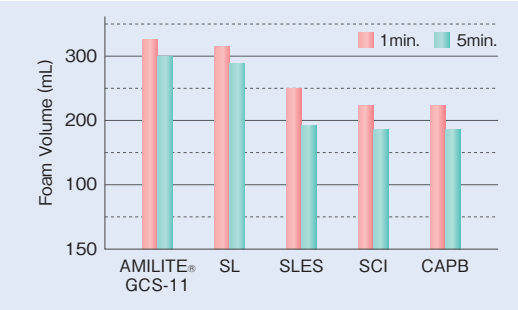
: Fatty Acid Residue

M : Na or K

Characteristics of AMILITE® GCS-11・GCK-11

- Mild cleansing agent derived from the amino acid Glycine.
- High foaming power and cream resilient foam.
- GCS-11 (around 15-20%)・GCK-11 (around 30%) produce stable paste type cleansing products.
- Has an excellent synergistic effect with fatty acid in terms of foam volume and quality.

Foaming power of AMILITE® GCS-11



each surfactant of foaming

Temperature : 35℃ , **Concentration** : 1.0%A.I., **pH** : no adjusted,
GCS-11 : AMILITE® GCS-11, **SL** : Sodium Laurate,
SLES : Sodium Laureth Sulfate, **SCI** : Sodium Cocoyl Isethionate,
CAPB : Cocamidopropyl Betaine

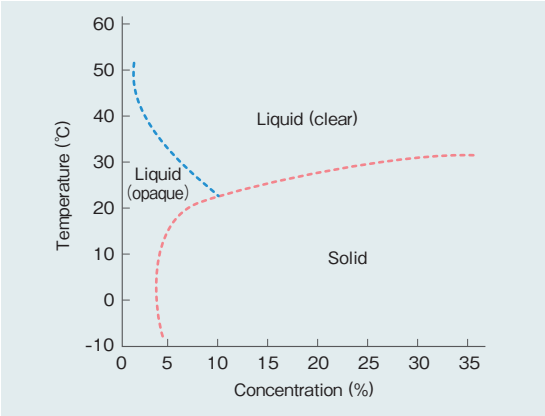
Synergistic effect with fatty acid

AMILITE® GCS-11	10.0%
Lauric acid	0.3%
Myristic acid	0.7%
Water	balance
Citric acid	q.s.
	pH=7.0

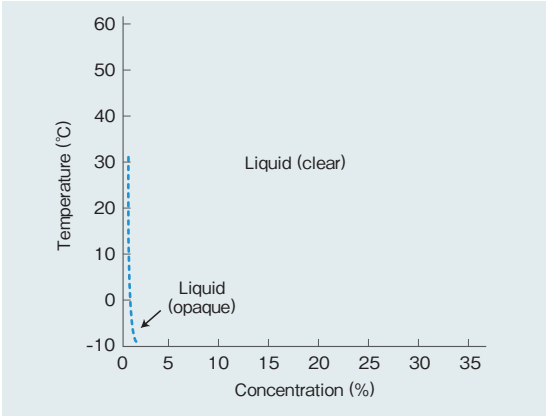


Difference in water solubility between AMILITE® GCS-11 and AMILITE® GCK-11 phase diagrams

AMILITE® GCS-11

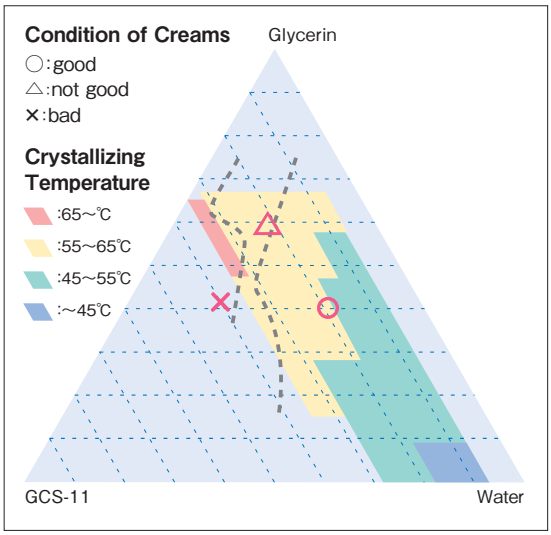


AMILITE® GCK-11



AMILITE® GCS-11 ／ Glycerin ／ Water phase diagram

Favorable facial cleansing washes with 15-20% GCS-11.



GCS-11：q.s.=100：4.5

Material Information

Product Name	Product Code	Chemical Name	CAS No.	Physical Form	Packaging	PCPC INCI Name	Composition (%)
AMILITE®	GCS-11	Sodium N-Cocoyl Glycinate	90387-74-9	Powder	15kg Carton	Sodium Cocoyl Glycinate	100.0
	GCK-11	Potassium N-Cocoyl Glycinate	301341-58-2	Powder	15kg Carton	Potassium Cocoyl Glycinate	100.0

Please contact the AJINOMOTO group, should you have questions about trademark registration.

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