

**NIKKOL**

**SG-CG700**



Mild Cleansing Agent

# NIKKOL SG-CG700

INCI Name: PEG-7 Glyceryl Cocoate



## CLEANSING WATER

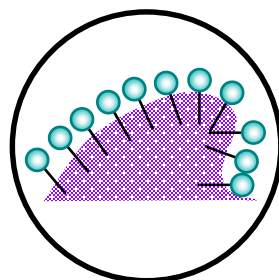
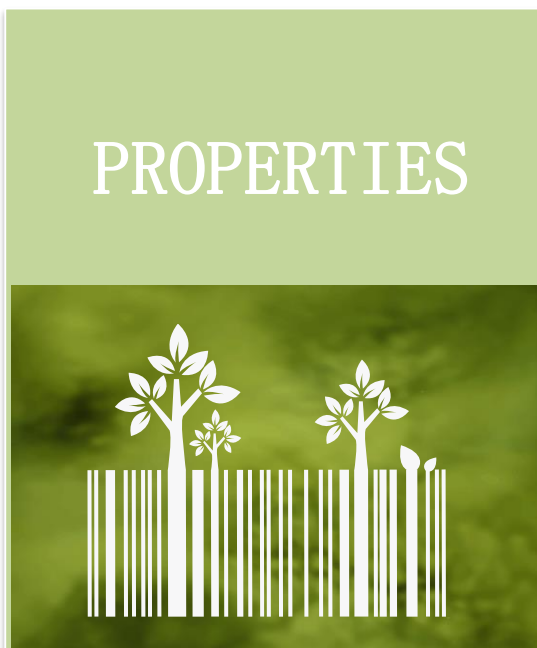
The must-have item in makeup bag and daily routine.

NIKKOL SG-CG700 is a non-ionic surfactant derived from coconut with an outstanding makeup removal power while being exceptionally mild to skin.

This property makes it an ideal choice for gentle facial preparations, such as micellar water or cleansing gel with very low amount of oil. As a co-surfactant, it can minimize the “stripping” effect sensitive-skin users feel when using soap or cleansing.

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Good cleansing with adsorption mechanism

⌘ Very low irritancy profile,  
gentle to eye and skin

⌘ Suitable for sensitive skin formulation,  
mild shampoo & bath preparation  
for baby

⌘ Reduce squeaky feel  
in hair shampoo

⌘ Add lubricity & shine to the hair,  
leaving hair feeling conditioned

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## IRRITATION DATA

### Cell Viability (MTT)

Irritant  $\leq 50\%$

Non-irritant  $> 50\%$

Eye irritation  
SkinEthic HCE Test Method

Sample	Cell Viability (%)
SG-CG700 (0.4% AQ)	93.80%

Skin irritation  
EpiSkin Skin Irritation Test Method

Sample	Cell Viability (%)
SG-CG700 (20% AQ)	95.50%

# Covermark Treatment Cleansing Milk: Classic



Trend Pick-up



The softness of milk for dehydrated skin



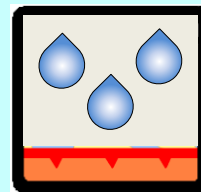
Thorough cleansing for smooth and soft skin



Ease of rinsing & leave skin with refreshing feeling

# Moist Cleansing Milk Classic

	INCI Name	Trade Name	Wt%
A	PEG-7 Glyceryl Cocoate	Nikkol SG-CG700	10.0%
	Methylhepty Laurate	Nikkol GS-MHL	5.0
	Cyclopentasiloxane		5.0
	Diphenylsiloxy Phenyl Trimethicone		5.0
	Mineral Oil	(#70)	3.0
	Glyceryl Tribehenate/ Isostearate/ Eicosandioate	Nomcot SG	0.80
	Cetearyl Alcohol		0.50
	Sorbitan Isostearate	Nikkol SI-10RV	1.0
	Sorbeth 30-Tetraoleate	Nikkol GO-430NV	1.0
	Polysorbate 60	Nikkol SG-SSV2000F	1.0
B	Glycerin		10.0
	Propanediol		3.0
	Carbomer		0.15
	Hydroxyethyl Acrylate/ Sodium Acryloyldimethyl Taurate Copolymer	Sepinov EMT 10	0.3
	EDTA-2Na		0.05
	Preservative		q.s
	Water		To 100.0
C	Potassium Hydroxide	85% purity	0.03
	Water		5.00

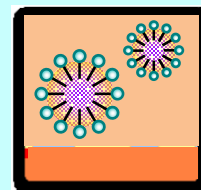


Hydration

~30%

Oil + Polyol

Empowered with skin softening elements (30% oil + polyol) while removing makeup effectively.



Emulsification

3%

Emulsifier

Golden ratio of each 1% emulsifier to maintain the stability of the milky film



Easily rinsed off

>50% H<sub>2</sub>O

With water, milk transforms to micro-sized particles that can be easily rinsed off.

Procedure:

- I. Heat A & B respectively to 80C until well dissolved.
- II. Add A to B at 80C until emulsified.
- III. Add C and cool down to 35C.

# Mandom Bifesta Cleansing Lotion Water-lover

Trend Pick-up

## Oil-cut

Oil-free formulation which  
removes make-up quickly  
without leaving residual film



## 1 Swipe

Remove make-up easily with just  
a swipe of cotton

## Soothing

It provides anti-inflammatory effect  
and calms sensitive skin

# Extra-gentle Cleansing Lotion

SKIN CARE

CLEANSING

INCI NAME	TRADE NAME	wt%
A		
PEG-7 GLYCERYL COCOATE	NIKKOL SG-CG700	2.0000
PEG-10 LAURATE	NIKKOL MYL-10	2.0000
PEG-50 HYDROGENATED CASTOR OIL	NIKKOL SG-KH5000	1.0000
PPG-24-GLYCERETH-24	NIKKOL SG-G2424	10.0000
PRESERVATIVES		q.s.
B		
WATER		To 100.0000
LECITHIN, LYSOLECITHIN, LYSOPHOSPHATIDIC ACID	LPA	0.1000
BUTYLENE GLYCOL		6.0000
C		
CITRIC ACID		0.0050
SODIUM CITRATE		0.0300
DISODIUM EDTA	EDTA-2Na	0.0300
WATER		5.0000
		100.0000
Procedure		
1. Heat A to 80°C to dissolve well.		
2. Disperse LPA with butylene glycol. Heat if necessary. Heat C to dissolve well.		
3. Add B to A and mix well.		
4. Add C to A+B and mix.		

## SG-CG700

Mild non-ionic surfactant with outstanding makeup removal ability

## SG-KH5000

High HLB surfactant to increase cloud point for crystal clear solution

## SG-G2424

Cleansing booster that enables lower usage of surfactant to achieve efficient cleansing power



# Mild Silicone-free Shampoo

## PHASE A

1,3 BG	4.0
Sorbitol water	2.0
Polyquaternium-10	0.5
Citric acid	0.65
Disodium EDTA	0.10
Preservatives	q.s

## PHASE B

Water  
24.35

## PHASE D

SHISO Extract Na-free	0.3
Phytelene EGX-232 (BG)	0.1
Water	3.0

## PHASE C

N. CMT-30	20
N. ALANINATE LN-30	15
N. AM-3130N	15
Cocamide DEA	2
N. SG-L200	1
Decyl Glucoside, Water	10
N. SG-CG700	1
N. AMIDOAMINE MPS	0.5

### Procedure:

1. Mix A at RT until uniform.
2. Add B into A, heat to swell.
3. Add C one by one, heat to dissolve and mix well.
4. Cool down to 35C, add D.

pH:5.80