

Confidential



NIKKOL GROUP

NIKKO CHEMICALS CO., LTD.

1 - 4 - 8 NIHONBASHI - BAKUROCHO, CHUOKU,
TOKYO, 103 - 0002, JAPAN

Email: international_inquiry@nikkol.co.jp

Formula Name : Non-Silicone Shampoo

Lot.No.27-TOS-2

(NIKKOL CMT-30: 20.0%)



<https://www.chemical-navi.com/>

INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Butylene Glycol		Moisturizer		4.0000
Sorbitol, Water	(70% aq.)	Moisturizer		2.0000
Polyquaternium-10	CATINAL HC-200	Conditioning agent	TOHO Chemical Industry	0.5000
Citric Acid		pH adjuster		0.6500
Disodium EDTA		Chelating agent		0.1000
Phenoxyethanol		Antimicrobial agent		0.5000
B				
Water				29.2500
C				
Sodium Methyl Cocoyl Taurate, Water	NIKKOL CMT-30	Cleansing agent	NIKKO CHEMICALS	20.0000
Sodium Lauroyl Methylaminopropionate,	NIKKOL ALANINATE LN-30	Cleansing agent	NIKKO CHEMICALS	15.0000
Cocamidopropyl Betaine, Water	NIKKOL AM-3130N	Cleansing agent	NIKKO CHEMICALS	15.0000
Cocamide DEA	AMISOL CDE-G	Cleansing agent	Kawaken Fine Chemicals	2.0000
Glyceryl Undecylenate	NIKKOL MGU	Viscosity modifier	NIKKO CHEMICALS	1.0000
Decyl Glucoside, Water	Plantacare 2000 UP	Cleansing agent	BASF	10.0000
			Total	100.0000
Procedure				
1. Mix A until uniform.				
2. Add B into A, then heat to 80°C while stirring and stir until it swells completely.				
3. Add each ingredient of C into A+B, then heat to 80°C and mix until uniform.				
4. Cool down to 35°C while stirring.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.3 6rpm, 30sec.): 1450 mPa · s			· RT, 45°C, 5°C: Confirmed for 3 months	
pH (bulk): 5.5			· 50°C, -5°C, Cycle (-5⇔45°C): Confirmed for 1 month	

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We do not guarantee the stability of the final products of formulations in this brochure though the stability was checked under certain conditions.

We do not guarantee the preservation property of this formulation as we have not checked it.

We do not guarantee that this formulation does not conflict with any patent.

It is users' responsibility to determine the suitability for their own use of the formulation.