

## FORMULATION



NIKKOL GROUP  
 COSMOS TECHICAL CENTER CO.,LTD  
 3-24-3 HASUNE, ITABASHIKU, TOKYO 174-0046 JAPAN  
 Tel 03-3966-7755 Fax 03-3966-7307  
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## Formula Name: Water Repellent O/W Sunscreen

Lot.No.03-N41-SSC

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INCI NAME	TRADE NAME	SUPPLIER	wt%
A			
BEHENYL ALCOHOL,POLYGLYCERYL-10 PENTASTEARATE,SODIUM	NIKKOL Nikkomulse 41	NIKKO CHEMICALS	2.5000
BEHENYL ALCOHOL	NIKKOL Behenyl alcohol	NIKKO CHEMICALS	2.0000
SQUALANE	NIKKOL Squalane	NIKKO CHEMICALS	4.0000
TRIETHYLHEXANOIN	NIKKOL Trifat S-308	NIKKO CHEMICALS	7.0000
ETHYLHEXYL METHOXYCINNAMATE			6.0000
BENZOPHENONE-3			2.0000
PROPYLPARABEN			0.1000
B			
METHYLPARABEN			0.2000
BUTYLENE GLYCOL			5.0000
XANTHAN GUM			0.3000
WATER			70.9000
		Total	100.0000
Procedure			
1. Heat A and B to 80°C to dissolve.			
2. Add A to B with mixing by homogenizer at 80°C.			
3. Emulsify			
4. Cool down to 35°C with mixing by paddle mixer.			
Note			
Initial viscosity(Btype Viscometer No.4 6rpm./30sec.): 15300 mPa·s			
pH(10%):5.9			

We do not guarantee the stability of the final products of formulations in this brochure though the stability was checked at 45°C for 12 weeks.

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