

Hair Shampoo <Transparent> NHS-226TF

A Sulfate- and TEA-free concept hair shampoo that is using AMILITE® ACS-12 as a primary surfactant.
It is able to get excellent rinsability by using AMISOFT® CS-22 as an additive.

Part	INCI Name	(wt%)	Funciton
A	AMILITE® ACS-12 (30%)	26.70	Cleansing surfactant
	AMISOFT® CS-22 (25%)	8.00	Cleansing, Conditioning agent
	COCAMIDOPROPYL BETAINE (30%) *1	10.00	Co-surfactant
	COCAMIDE METHYL MEA *2	5.00	Viscosity modifier
	WATER	Balance	
	PRESERVATIVE	q.s.	
B	POPYQUATERNIUM-10 (2%) *3	15.00	Hair conditoning agent
C	PEG-120 METHYL GLUCOSE TRIOLEATE (70%),		
	PROPANEDIOL(30%) *4	1.40	Thickener
D	CITRIC ACID (20%) *5	1.60	pH adjuster
E	FRAGRANCE	q.s.	
Total		100.00	

- 1 Prepare part B and part D, preliminarily.
- 2 Heat to 60 degrees and dissolve part A uniformly with stirring.
- 3 Add part B to part A with stirring.
- 4 Add part C with stirring.
- 5 Adjust pH to 6.3 with part D, and stir until uniform.
- 6 Cool down to 40 degrees with gentle stirring, add part E.
- 7 Cool down to room temperature with stirring.

*1	SOFTAZOLINE CPB	Kawaken Fine Chemical
*2	AMINON C-11S	Kao
*3	LEOGUARD GP	Lion Specialty Chemicals
*4	GLUCAMATE VLT	Lubrizol
*5	The level of Citric acid is presented as a rough guide.	

Appearance: Transparent

pH: 6.3

(Direct measurement)

Viscosity: 500 - 1,000 mPa·s

(B-type, rotor No.3, 30 r.p.m., 30 sec., 25C)

Stability: -5, 5, 25, 40, 45, 50, Cycle(5-45)

/1month

Note; The information is provided based upon our technical data and present knowledge. However, we make no warranties, expressed or implied, and assume no liabilities in connection with any use of the information with respect to specific property, safety and suitability for a specific application. It is also not guaranteed that use of the information does not fall within the scope of any intellectual property rights.

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