SKIN CARE LIQUID DISH SOAP

Clean dishes and care for your hands

For those who want to protect their skin, this manual dishwashing liquid provides a mild combination of naturally derived surfactants attaining outstanding performance and extra mildness.

UnivarSolutions

SKIN CARE LIQUID DISH SOAP

LAB LOCATION: ESSEN, GERMANY | FORMULA #: 2.5.9.5.22

TRADE NAME	% BY WT	FUNCTION & BENEFITS	SUPPLIER
Water	Up to 100	Solvent	Univar Solutions
SUGANATE 160NC	10.0	A naturally derived, high foaming anionic surfactant without inducing eye and skin irritation. EO-free, sulfate-free, CLP-free	Colonial Chemicals
CAFLON 2L70	4.0	An anionic surfactant concentrate which has excellent foaming, cleaning and emulsifying properties. Ecocert and EU Ecolabel certified.	Univar Solutions
CAFLON APG C814	4.0	A mild, readily biodegradable and renewable non-ionic surfactant. It leaves low residue and has non-streaking and non-filming effect. Ecocert certified.	Univar Solutions
SUGAFAX D10NC	3.0	100% naturally-derived mild surfactant with very mild characteristics for human contact and safe for release in the environment, all while being an effective detergent and hydrotrope. EO-free, sulfate-free, CLP-free.	Colonial Chemicals
EXCEPARL LM-LC	1.0	A natural liquid thickener which also acts as emollient and thickener.	Kao Chemicals
AMIDET N	1.0	A high concentrated liquid surfactant which shows very good solubilizing and emulsifying properties. It presents better performance in terms of thickening and foaming than Cocamide DEA. Ecolabel certified.	Kao Chemicals
Preservative, Dye, Fragrance	q.s.	Aesthetics/Preservation	Univar Solutions
Citric acid	q.s.	pH adjuster	Univar Solutions

PROCEDURE

1. Add SUGANATE 160NC, CAFLON 2L70, CAFLON APG C814, SUGAFAX D10C and water one by one.
2. Heat up to 35°C while mixing to speed up the process.
3. After uniform mixture is obtained, add EXCEPARL LM-LC while stirring.
4. Prepare a premix fo AMIDET N and fragrance.
5. Once the mixture in the main vessel is clear, introduce premix to the main vessel.
6. Add dye pigment while stirring.
7. Adjust the pH to 5.5 - 6.0 with citric acid.

PROPERTIES

- pH: 5.5-6.0
- Viscosity: 400-450 mPa.s
- Appearance: Clear yellow liquid

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