

LIQUID FABRIC DETERGENT

- heavy-duty automatic liquid detergent ▪ ready to use ▪ non labelled product ▪
- recommended dosage: 75 ml/wash ▪

COMPOSITION

INGREDIENT

INGREDIENT	%
LEVENOL® F-200	19.00
EMAL® 270D	7.10
EXCEPARL® LM-LC	0.90
Palmera® B1210E	0.90
NaOH (sol. 50%)	Approx. 0.36
Sodium Citrate	3.00
Preservative	q.s.
Comp. 45.1643-1 Antarctic Plus	0.20
Deionized Water	Up to 100%

TECHNICAL CHARACTERISTICS

APPEARANCE	Clear viscous liquid	KCSA-258
VISCOSITY BROOKFIELD (20°C, cPS)	100-300	KCSA-227
pH	8.0-8.5	KCSA-014
SURFACTANT ACTIVE CONTENT	24.87	
STABILITY TEST	1 month at 40°C/TR/5°C	

RECOMMENDED OPERATIVE METHOD

- Start the process at room temperature
- Add NaOH to the water and afterwards add Palmera® B1210E (previously melted)
- Adjust the pH (7.0 - 8.0) with NaOH
- Add LEVENOL® F-200, EXCEPARL® LM-LC, EMAL® 270D and Sodium Citrate
- Continue with the incorporation of optional ingredients
- Final pH adjustment (approx. 8.0 – 8.5) with NaOH
- Adjust weight with deionized water to 100%

Developed by KAO

Security advice: Cleaning sample formulations are provided herein for illustrative purposes only. Such formulations are not for commercial formulations and have not been subject to comprehensive testing.