



## MILD FACIAL CLEANSER AS40003

### Formula

<b>A</b>	• Water	Upto 100.00%
	• Mono-alkyl phosphate	16.00%
	• Lauramidopropyl betaine	3.00%
	• Sodium Laureth Sulfate	2.00%
	• <b>PROTEOL™ OAT</b> ( <i>Sodium lauroyl oat amino acids - SEPPIC</i> )	5.00%
	• <b>MONTALINE™ C40</b> ( <i>Cocamidopropyl betainamide MEA chloride - SEPPIC</i> )	4.00%
	• EDTA-Na2	0.05%
	• PEG-7 Glycerly cocoate	1.00%
	• Glycol distearate	1.20%
	• Glycerine	4.00%
<b>B</b>	• D.I. water	5.00%
	• Polyquaternium-11	0.2%
<b>C</b>	• D.I. water	10.00%
<b>D</b>	• Acrylates Copolymer	6.00%
	• Water and Methylchloroisothiazolinone and Methylisothiazolinone	0.10%
	• Fragrance	0.35%

### Manufacturing Procedure (pilot – VMC4 Versamix Rotor Stator – 6kg):

Dissolve AES in water, then Mono-alkyl phosphate, heat to above 80 °C. Add other materials of A, agitate slowly. Polyquaternium-11 should be pre-dissolved in water and be added into Part A at 60 °C. 4. Acrylates Copolymer should be pre-mixed with part of water, and add it to the tank. Agitate. Cool down to 50 °C with gentle stirring, add part D. Stop stirring at about 30 °C.

### Comments

#### PROTEOL™ OAT

Surfactant based on essential amino acids of oats. It is very useful as a pigment-dispersing agent in make-up formulas. It has good foaming and wetting properties yet does not dry out the skin (does not affect TEWL). Due to its high skin tolerance level, PROTEOL OAT is especially well-suited for formulas intended for delicate skin. It generates a rich, creamy foam.

#### MONTALINE™ C40

Polyvalent quaternised coconut oil which exhibits cleansing and purifying properties. Montaline C40 allows to reduce preservatives content.



## Characteristics

Appearance	Pearly white
pH	Around 6.8
Viscosity after 1 month at RT	25,000mPa.s BROOKFIELD LV4 6rpm
Viscosity after 1 month at 48°C	16,000mPa.s BROOKFIELD LV3 6rpm
Viscosity recovery at RT (after 1 month at 48°C)	34,900mPa.s BROOKFIELD LV4 6rpm
Stability	> M1 Stable at RT / 48°C/-18° C Stable after 1 month of freeze/thaw cycles -18 / +48°C

## Notes

Mono-alkyl phosphate: PRIOLY B 750D (KAO)  
Lauramidopropyl betaine: CAPB-30wx (RHODIA)  
PEG-7 Glycerly cocoate: Cetiol HE (Cognis)  
Glycol distearate:EGDS 515/V (cognis)  
Polyquaternium-11: POLYQUTA 400KC (KCI)  
Acrylates Copolymer: Aqua SF-1 (Noveon)  
Water and Methylchlorisothiazolinone and Methylisothiazolinone: EUXYL K 120 (S&M)  
Fragrance: FRAG417032 (DROM)

### AS40003 – SEPPIC – 0823A

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SEPPIC SA  
33(0) 1 42 91 40 00

SEPPIC Inc  
1 973 882 5597

SEPPIC UK Ltd  
44 208 577 8800

SEPPIC Italia Srl  
39 02 38009110

SEPPIC Asia Singapore  
65 6278 6711

SEPPIC BRASIL  
55 11 3242 3911

SEPPIC China  
86(21) 64 66 01 49

SEPPIC GmbH  
49(0) 220 3890 3100