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*Designed with
the thought
about you*

SULFOROKAnol L390/1M

MIPA LAURETH SULFATE (AND) PROPYLENE GLYCOL

Description

- highly concentrated form of the product
- gentle, does not irritate the skin
- perfect foaming properties
- low comedogenic and allergenic rating
- generates high and stable foam
- biodegradable

Application

- shower oils
- bath oils for atopic skin
- shaving foams
- laundry washing agents
- shampoos
- hand wash preparations for very dirty hands
- shower foams
- baby bath gels
- anti-acne face wash foams
- gentle baby shampoos
- peelings
- hand wash oils for dry and sensitive skin



in line with
cosmetic trends



guarantee the
consumer satisfaction



improvement of Personal
Care formulations



innovative
product



value
for money


SULFOROKAnol L390/1M

MIPA LAURETH SULFATE (AND) PROPYLENE GLYCOL

Chemical name	Alcohols C12-14, ethoxylated (3 EO), sulfated, monoisopropanolamine salts	
INCI name	MIPA Laureth Sulfate (and) Propylene Glycol	
Technical requirements	Appearance at temperature (20÷25)°C	clear, viscous liquid
	Active substance, %(m/m)	82 ÷ 88
	pH of 2% solution	6 ÷ 8
	Iodine colour number 50% (m/m) in propylene glycol solution at temperature (20÷25)°C	max. 6
	Unsulphated substances, %(m/m)	max. 5.0
	MIPA sulphate (VI), %(m/m)	max. 2.0
General data	Molecular weight, g/mol	approx. 493
	Water content, %(m/m)	max. 1
	Density at 20°C, g/mL	approx. 1.07
	Viscosity at 20°C, cP	approx. 1800
	Solidification point, °C	approx. 3

Mild body wash emulsion [KD-80]

Phase	INCI name		Brand name	Concentration [%]	Function
A	Aqua			72.55	solvent
	Betaine			1.00	active
B	Xanthan Gum			0.50	rheology modifier
	Glycerin			2.00	solvent
C	Cetearyl Alcohol	EXOalc 1618 flakes	3.00	emulsion stabilizer	
	Ceteareth-25	ROKAnol T25	2.00	emulsifier	
	Helianthus Annuus Seed Oil		10.00	emollient	
	Stearic Acid		1.00	rheology modifier	
D	Phenoxyethanol, Methylparaben, Ethylparaben, Propylparaben		0.80	preservative	
	MIPA Laureth Sulfate (and) Propylene Glycol	SULFOROKAnol L390/1M	2.00	surfactant	
E	Sodium Lauroyl Sarcosinate		5.00	surfactant	
	Lactic Acid		0.15	pH adjuster	

	APPEARANCE	visual method		white emulsion
	pH			4.8 - 6.0
	VISCOSITY [cP]	Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C		8000 - 15000
	STABILITY	1 month in 5°C, 20°C, 40°C		confirmed

1. In a main vessel combine ingredients from the phase A.

2. Add xanthan gum to glycerin - mix until homogenous solution is obtained.

3. Add the phase B components to phase A while mixing. Mix until uniform.

4. In a separate vessel combine ingredients from the phase C.

5. Heat phase A and C to 75-80°C.
6. Add C into A, stir well with hand stirring, keep A/B at 75-80°C. Homogenize with 2000-3000 RPM, 90 sec.

7. Cool the batch down to 50°C. Add phase D ingredients while mixing. Homogenize with 2500-3500 RPM, 90 sec.

8. Cool the batch down to 25°C. Add phase E ingredients while mixing. Homogenize with 2500-3500 RPM, 30 sec.

Mild liquid hand soap [MP-04]


Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua		74.50	solvent
	Potassium Oleate		4.00	surfactant
	MIPA Laureth Sulfate (and) Propylene Glycol	SULFOROKAnol L390/1M	10.00	surfactant
	Cocamide DEA	ROKAmid KAD	1.50	surfactant
	Parfum		0.50	fragrance
	Ethylhexyl glycerine, Phenoxyethanol		1.00	preservative
	Cocamidopropyl Betaine	ROKAmina K30K	7.00	surfactant
	Sodium Chloride		1.50	viscosity modifier
	APPEARANCE	visual method		clear yellowish gel
	pH			8.5 - 9.0
	VISCOSITY [cP]	Brookfield LV, spindle 34, speed 4.0 RPM, T: 25°C		3000 – 6000
	STABILITY	1 month in 5°C, 20°C, 40°C		confirmed



1. Heat up the water to (40-50°C) and add the ingredients one after another in the order from the table above.
2. Before adding a parfum cool the mixture down to room temperature and add the rest of ingredients.
3. Add sodium chloride to adjust the viscosity. (NOTE. Add salt (not in one go) – after addition of each portion mix well.

Liquid shower gel for women [ZP-11]


Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua		66.53	solvent
	Xanthan Gum		0.90	viscosity modifier
	Glycerin		2.50	moisturising agent
	Sodium Benzoate, Potassium Sorbate		0.30	preservative
B	Aqua		8.30	solvent
	MIPA Laureth Sulfate (and) Propylene Glycol	SULFOROKAnol L390/1M	7.00	surfactant
	Sodium Lauroyl Sarcosinate	ROKAtend LS	10.00	surfactant
	CI 77000, Acrylates Crosspolymer		0.02	pigment
	Parfum		0.50	fragrance
	Sodium Benzoate, Potassium Sorbate		0.30	preservative
	Cocamidopropyl Betaine	ROKAmina K30K	3.40	surfactant
	Citric Acid		0.25	pH modifier

	APPEARANCE	visual method	gold scintillating gel
	pH		4.8 - 5.5
	VISCOSITY [cP]	Brookfield LV, spindle 34, speed 2.5 RPM T:25°C	2500 - 5000
	STABILITY	1 month in 5°C, 20°C, 40°C	confirmed

1. In a main vessel combine ingredients from phase A. Add xanthan gum to glycerin – mix until homogenous solution is obtained. Then, pour warm water (50-55°C) from phase A to the main vessel and mix. Add preservative. Homogenise for 2-3 minutes.
2. Combine ingredients from the phase B and mix until uniform. Control the pH range – if necessary, add citric acid
3. Add phase B to phase A and mix well. Cool the batch down to 30°C and homogenise for 2-3 minutes.

Shower and bath oil [KD-115]

Phase	INCI name	Brand name	Concentration [%]	Function
A	MIPA Laureth Sulfate (and) Propylene Glycol	SULFOROKAnol L390/1M	15.00	surfactant
	Glycine Soja Oil		27.00	emollient
	Helianthus Annuus Seed Oil		26.00	emollient
	Tocopheryl Acetate		1.00	active
B	Laureth-2		30.00	surfactant
	Parfum		1.00	fragrance

	APPEARANCE	visual method	slightly yellowish viscous liquid
	VISCOSITY [cP]	Brookfield LV, spindle 34, speed 4.0 RPM, T: 25°C	70 - 120
	STABILITY	1 month in 5°C, 20°C, 40°C	confirmed

1. In a main vessel combine ingredients from phase A and mix until uniform
2. Combine ingredients from phase B in a separate vessel and mix until uniform.
3. Add ingredients from phase B to phase A while mixing. Mix until uniform.



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