



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

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## PRODUCT LITERATURE

### QSOFT-POA

#### Product Information

Qsoft-POA is a novel hydrophilic, non-yellowing amido silicone oil. It is suitable after emulsification for cellulosic (woven, knits & towels) all types of fabrics. It has very good moisture absorbing properties thereby gives comforts to wearer. Qsoft-POA emulsified oil has pH and shear stability. Emulsion of Qsoft-POA provides soft and supple handle. Emulsified Qsoft-POA can be applied by padding as well as exhaust.

#### Key Features & Benefits

Key Features	Benefits
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Shear Stable	Suitable for jet and soft flow machine
Versatile	Can be applied by pad as well as exhaust applications
pH stable	Variation in pH will not affect the performance

#### General Characteristics

Physical appearance	: Colourless to pale yellow hazzy to clear viscous liquid
Specific Gravity at 25deg.C	: 0.98 +/- 0.05
Refractive index	: 1.403 to 1.409

#### Application

Qsoft-POA can be applied by pad and exhaust

Pad application:

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15 - 20 g/l Qsoft-POA (30% emulsion)

Adjust pH at 5-6. pad with 65-70% pick up, dry and cure at 160-180 deg.C for 30-45 sec.

Exhaust application:

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Qsoft-POA 1.5-2% pH 5-6, Temp.35-40deg.C, treat for 20-30 min.



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#### Instructions For Dilution

Procedure to emulsify Qsoft-POA

It can be easily emulsified into stable nano emulsion using turbostirrer or normal stirrer at medium to high speed.

Product	Parts
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Qsoft-POA	18
Tridecyl alcohol ethoxylate 6.5 EO	9
Tridecyl alcohol ethoxylate 12 EO	3
Acetic acid	0.3
Water1 (1st addition)	5.0
Water2 (2nd addition)	7.0
water3 (3rd addition)	58.0

\* First take Qsoft-POA and surfactant (Tridecyl alcohol ethoxylate 6.5 EO and 12 EO) and stir for 20-25 min.

\* Add 5 part of water 1 (1st addition) and acetic acid and mix gradually with stirring and stir for 15-20 min.

\* Add 7 part of water 2 (2nd addition) and stir for 10-15 min.

\* Add 56 part water 3 (3rd addition) and stir for 15 min.

#### Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight.Storage temperature should not exceed 35 deg C.Close lids firmly to avoid contact with air and moisture.

Shelf Life : 8 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]  
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