



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### HAYSOFT-SJC

#### Product Information

Haysoft-SJC is a linear silicone copolymer. Its emulsion imparts soft, smooth and excellent hydrophilicity on the fabric. It imparts silky hand feel and drapable smoothness on all types of fabrics and garments. It is especially suitable for cotton knits and woven fabrics. Haysoft-SJC is stable to high shear force, wide pH range and wide temperature conditions and hence can be used in jets, overflow dyeing machines, package dyeing machines, winches, jiggers and printing machines. Haysoft-SJC is suitable by pad and by exhaust in garment drum machine.

#### Key Features & Benefits

##### Key Features

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Non yellowing/No shade changes

Shear stable

##### Benefits

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Can be applied to whites or dyed substrate

Can be applied in soft flow machine self

#### General Characteristics

Physical appearance	: Colourless Clear viscous liquid
Specific Gravity at 25deg.C	: 0.99 +/- 0.02
Miscibility	: Immiscible with water

#### Application

##### Pad application:

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20-40 g/l Haysoft-SJC (10% emulsion)

Adjust pH at 6-8, pad with 65-70% pick up, dry and cure at 160-180 deg.C for 30-45 sec.

##### Exhaust application:

0.2-0.4% Haysoft-SJC (10% emulsion)

pH 6-8, Temp 35-40deg.C, treat for 20-30 mins.



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### HAYSOFT-SJC

#### Instructions For Dilution

Emulsification procedure to obtain 10-20% active Haysoft-SJC

Ingredients	10%	20%
Haysoft-SJC	100	200
Tridecyl alcohol ethoxylate 6.5 mole	47.5	95
Tridecyl alcohol ethoxylate 12 mole	2.5	5
Water-1	241	200
Water-2	241	200
Acetic acid	2	4
Water-3	361	290
Butyl carbitol	5	10
Preservative	0.05	0.1

Carry out the emulsification procedure as per the procedure:

1. Charge in SS vessel (having anchor stirrer, 200-300 rpm) Haysoft-SJC & surfactants & stir for 30-45 mins. (Depends on quantity)
2. Add water-1 and stir for 25 minutes.
3. Add water-2 & glacial acetic acid mix and stir for 25 minutes
4. Add water-3 and mix gradually under constant stirring & stir for 15-20 minutes.
5. Add butyl carbitol & stir for 10 mins.
6. Add preservative.
7. Filter the diluted product with Nylon bolting cloth or filter cloth

#### 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 : 9 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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