



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

Phone: +91 22 42184218

Fax : +91 22 42184350

Email : tcmtkg@sarex.com

URL : www.sarex.com

PRODUCT LITERATURE

ECOFLUID - 8603

Product Information

Ecofluid-8603 is a medium viscosity reactive mono-amino functional polydimethyl siloxane fluid. Ecofluid-8603 may be used alone or in conjunction with other silicone fluid or with appropriate organic softeners, this compatibility allows the formulation of specialty softener blends.

Ecofluid-8603 emulsion imparts very soft, drapable and elastic handle to woven and knitted fabrics. Ecofluid-8603 emulsion is considered to be ideal softening agent for cotton or Cot/PES blends. It improves wash and wear properties, crease recovery angle, sewability, tear strength and reduces abrasion loss. The effects are reasonably fast to washing and dry cleaning.

Key Features & Benefits

Key Features

Durable

Multi-functional

Benefits

Reasonably durable to washing and dry cleaning

Imparts softness
Improves sewability and tear strength,
Reduces abrasion loss

General Characteristics

Physical appearance : Colourless viscous fluid
Specific Gravity at 25 deg.C : 0.98 +/- 0.02
Refractive index : 1.403 to 1.409

Application

Padding Process:

Dosage : 15-20 g/l (30% emulsion)
Pick-up : 65-70%
Bath pH : 5.0-6.0
Drying : 130-160 deg.C

Exhaust Process in winch or garment machine:

Dosage : 1.5-2% (30% emulsion)



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

Phone: +91 22 42184218

Fax : +91 22 42184350

Email : tcmtkg@sarex.com

URL : www.sarex.com

PRODUCT LITERATURE

ECOFLUID - 8603

Bath pH : 5.0-6.0
Bath Temp : 30-40 deg.C
Time : 20-30 mins.

Instructions For Dilution

Emulsification:

It can be easily emulsified into stable micro emulsion by medium to high shear force mixer.

Typical formulation for micro-emulsion

	Weight parts -----
Ecofluid-8603	16.0
* TDA 6 EO	6.0
* DA 7 EO	6.0
TDA 12 EO	2.0
Water-1	15.0
Water-2	20.0
Acetic acid	0.3-0.4
Water-3	35.0
Butyl di-glycol	1-2% (co-surfactant, if necessary)

* TDA: tridecyl alcohol ethoxylate

* DA : decyl alcohol ethoxylate

Method:

- Take Ecofluid-8603 & surfactants in a SS vessel and stir for 20-25 mins.
- Add water-1 gradually under constant stirring and stir for 30 mins.
- Add water-2 and stir for 20 mins.
- Add water-3 and acetic acid; mix and stir for further 10-15 mins.
- Add 1-2% co-surfactant if necessary
- Testing



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

Phone: +91 22 42184218

Fax: +91 22 42184350

Email: tcmtkg@sarex.com

URL: www.sarex.com

PRODUCT LITERATURE

ECOFLUID - 8603

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]
[Prod.Code :PE123 | Last Upd. On : 23/06/15] [MOLL]

This is a computer generated report. Hence not signed.