



# 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 tomktg@sarex.com URL www.sarex.com

## PRODUCT LITERATURE

### ECOFLUID-AAZ

#### Product Information

Ecofluid-AAZ is a high viscosity diamino siloxane fluid. Ecofluid-AAZ emulsion imparts very soft, drapable and elastic touch or woven and knitted fabrics. It is specially recommended to impart very good softness to polyester/cotton blended fabric.

#### Key Features & Benefits

##### Key Features

-----

No to minimum yellowing

Multi-functional

##### Benefits

-----

Can be applied on whites or dyed substrates

Imparts softness. Improves sewability,  
Reduces abrasion loss

#### General Characteristics

Physical appearance	: Clear transparent to hazy viscous liquid
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)
Bath pH	: 5.0-6.0
Bath Temp.	: 30-40 deg.C
Time	: 20-30 mins.



# 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 tomktg@sarex.com URL www.sarex.com

## PRODUCT LITERATURE

### ECOFLUID-AAZ

#### 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-AAZ	16.0
* TDA 6 mole	8.0
* TDA 7 mole	6.0
Water-1	15.0
Water-2	20.0
Acetic acid	0.2
Water-3	35.0
Butyl di-glycol	1-2% (co-surfactant, if necessary)

\* TDA: tridecyl alcohol ethoxylate

Method:

- 
- Take Ecofluid-AAZ & 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.

#### Precautions

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



# 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 tomktg@sarex.com URL www.sarex.com

## PRODUCT LITERATURE

### ECOFLUID-AAZ

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]  
[ Prod.Code :L004564 | Last Upd. On : 01/06/2020 ] [pp]

This is a computer generated report. Hence not signed.