



Sarex Chemicals

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

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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.



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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



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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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