



Sarex Chemicals

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

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PRODUCT LITERATURE

ECOFLUID-M

Product Information

Ecofluid-M is special amino modified silicone oil. Its emulsion imparts super soft, elastic and smooth handle to woven and knitted fabrics. Unique advantage is macro silicones can be made easily from this oil.

Key Features & Benefits

Key Features

Outstanding Softness

Easy to make macro emulsions

Benefits

Gives excellent surface to all type of substrates.

Formulators can easily make macro emulsion from this oil

General Characteristics

Physical appearance : Hazy viscous Liquid
Miscibility : Immiscible with water

Application

Recommended dosage of 40% emulsion

Padding process

Dosage : 5-30 g/l

Instructions For Dilution

Procedure to emulsify 40% Ecofluid-M

Sr.No	Product Name	Quantity in kgs
1	Ecofluid-M	30.70
2	Tridecyl alcohol-6.5 mole	8.84
3	Water-I	10.0
4	Water-II	15.0
5	Acetic acid	0.4
6	Water-III	35.46
7	Preservative	0.01
8	Total	100



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Procedure :

- Ø Take clean ss vessel add Tridecyl alcohol-6.5 mole & Ecofluid-M & stir for 25-30 min (2500-3000 rpm High speed stirrer)
- Ø Then add slowly water-I within 10-15 min under stirring & stir for 15-20 min
- Ø Then add slowly under stirring acid water (water-II+ acetic acid) within 10-15 min & stir for 20 min
- Ø Then add slowly under stirring water-III within 10-15 min & stir for 20 min
- Ø Then add Preservative & stir for 5 min
- Ø Then filter

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]
[Prod.Code :L 011604.docx | Last Upd. On : 13 /04/24] [PVR]

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