



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### DEFOAM-PEJ

#### Product Information

Defoam-PEJ is a 100% active, specially formulated antifoam composition. It imparts low-foaming characteristics to clear, high actives, scour surfactant concentrate formulations. It will not separate from non-ionic scour surfactant concentrates that contain less than 15% water. The resulting scour concentrate, when diluted to use concentration, will be low foaming over the entire jet scour cycle. Best of all, Defoam-PEJ is free rinsing antifoam and therefore will not cause fabric spotting.

#### Key Features & Benefits

Key Features

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Spot free

Benefits

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Does not lead to silicone spots

#### General Characteristics

Physical appearance : Colorless to pale yellow transparent to hazy viscous liquid

pH of 1% solution : 7.0 +/- 1

Miscibility : Miscible with water

#### Application

Recipe for making clear transparent low foam detergent concentrate using Defoam-PEJ Material (qty in kgs)

- Defoam-PEJ : 1.5 - 2
- Butyl Cellusolve : 4 - 5
- Surfactants blend : 83 - 85
- Water : 10.5 - 7

TOTAL : 100



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#### Procedure:

- Take 1.5 - 2 parts of Defoam-PEJ and to it add 4-5 parts of Butyl Cellusolve & stir for 5 mins.
- To the above blend under stirring add 83 - 85 parts of surfactants blend for 10-15 mins.
- Then add 10.5 - 7 parts of water and stir for 5-10 mins.
- Check for clarity, if clear add 1 kg of balance water and if not clear then add 0.5 to 1 kg of Butyl Cellusolve for clarity.

- It has been developed to provide a clear premix in high concentration scouring surfactant concentrates.
- Typically, these concentrations are based on alcohol ethoxylates such as C10-15 alcohols, with 4-6 (EO).
- The typical use concentration of Defoam-PEJ in the scour surfactant concentrate is 2-5%.
- It can be used in other jet machine processes where an effective clear rinsing antifoam is required.

### 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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