

POLY DYE SDAF

Silicon Based Defoamer

Summary:-

Poly Dye SDAF is a silicone antifoam emulsion with low viscosity for controlling foam generation in high temperatures/ atmospheric processing equipment.

Advantages:-

- Provides foam control over the whole dyeing cycle.

Features:-

- Has excellent stability even at high temperatures. Pressures encountered in high speed jet machines.
- Gives very stable dispersion in cold and hot water.

Storage:-

- Stable when stored in normal storage conditions. The product should be stored away from heat.

Health & Safety:-

- Health & Handling advice on these products is given in individual data sheets, available upon request.

Type	:-	Non-Ionic.
Composition	:-	Blend of Siloxanes.
Appearance	:-	Off-White free flowing emulsion.
Solubility	:-	Readily dispersible in water.
Compatibility	:-	Compatible with ionic, cationic & non-ionic dyes & auxiliaries. Stable to electrolytes.

Application :-

- The amount of **Poly Dye SDAF** to be used will vary according to the type & concentration of the foam generating agents present in the liquor. Typical levels in disperse dye baths to ensure adequate foam control is 0.05 to 0.2g/l of the antifoam. However, Application levels of 0.01g/l or lower have been found effective where carry over of scouring surfactants is minimal.
- For dilution the required quantity of **Poly Dye SDAF** is first added to water below 60°C with good agitation & then supplied to the dye bath before any dyes or auxiliaries are added. If the emulsion is diluted for use, this should be prepared on a daily basis & the diluted product should not be stored for more than 24 hours.