

## FYNOL - NDW

Appearance : Pale Yellow

Chemical Nature : Nonionic

### **PROPERTIES** :-

1. FYNOL - NDW is insoluble in water.
2. FYNOL - NDW is soluble in polar solvents and oils of both mineral and vegetables origin, and solvents like kerosene, solvent naphtha, aroma, xylene, mineral urpentine and diesel oil.
3. FYNOL - NDW affectively reduces the foam caused by various surface active gents, particularly due to vigorous agitation.
4. Because of its nonionic nature, FYNOL-NDW can be used to suppress foam of any types. Its performance is not affected in the presence of high concentrations of acids, alkalies and metal ions.
5. FYNOL - NDW has excellent thermal stability.

### **APPLICATIONS** :

Because of its excellent defoaming property combined with stability to high concentrations of acids, alkalies metal ions and thermal stability, FYNOL - NDW is very effective for suppressing foam in a variety of industries, some of industries, some of which are listed below :-

1. Dyestuffs
2. Paints and printing inks
3. Phosphoric acid manufacture
4. Mixed fertilizers manufacture (eg. NPK)
5. Glue
6. Paper

### **SUGGESTIONS FOR USE:**

1. 3 to 6 percent on the weight basis or the surface active agent causing foam.
2. 0.05 to 0.2 percent on the volume basis of the foaming solution.
3. 1 to 3 Kgs. per ton of P<sub>2</sub> O<sub>5</sub> during phosphoric acid manufacture.

FYNOL - NDW may be used in its original form or in solution form after dissolving in solvents like diesel oil, kerosene etc; when used in solution form the concentration of the solution will be normally 5 to 10 percent.