TECHNICAL BULLETIN
ANTIFOAMING/ DE-FOAMING AGENT

Defoam WT : An effective de-foaming , antifoaming and softening agent

INTRODUCTION:

Number of conventional proprietary formulation of de-foamer available in the market with no basic technical concept, have apparent de-foaming characteristic thus resulting in camouflage/deceiving performance giving rise to reduced recovery, increased microbial growth, BOD & COD requirements etc.

It is a ripe time to give a thought over modern concept of eco-friendly de-foaming and antifoaming agents so as to meet the global standards.

Vistas of R&D taken up by us has introduced **Defoam WT** based on hi-tech and hi-efficiency quality products to meet the desired standards.

PRODUCT SPECIFICATIONS:

i.	APPEARANCE	: CREAMISH-WHITE DISPERSION (PASTE)
ii.	CHEMICAL NATURE	: POLY HYDROXY FATTY ESTERS
iii.	IONIC NATURE	: NON-IONIC
iv.	PH OF 2% EMULSION	: 6.5 ± 0.5
v.	DENSITY AT 25^{o}C	: 0.970 ± 0.010 gm/ml
vi.	MOISTURE (DEAN AND STARK METHOD)	: 80 ± 0.5%
vii.	TFM	: 20 ± 0.5%
viii.	SOLUBILITY	: READILY DISPERSIBLE IN COLD WATER
ix.	STABILITY	: STABLE HARD WATER, ACIDS ALKALINE CONDITIONS.
x.	TOXICOLEGICAL BEHAVIOUR	: INOFFENCIVE
xi.	ECOLOGICAL BEHAVIOUR	: INOFFENCIVE

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OUTSTANDING PROPERTIES :

1. **Defoam WT** Being non-ionic in nature, it is stable in all the probable operational parameters and does not have any side effect.

2. It does not ionize.

3. Safe and economical in use.

4. **Defoam WT** is based on vegetable oil and Polyhydric Alcohol, thus a single complex stable product.

5. It is low volatile, easy to disperse, strong spreading power and surface attraction and orientation.

USES:

Defoam WT is used as defoaming, antifoaming and softening agent in Water Base Paint.

DOSAGE:

To be added as it is or after dilution as a rough guide, estimated dose level is 10-20 ppm of foaming media.

RECOMMENDED APPLICATION:

Defoam WT being non-ionic dispersion, to be shaken before use and to be sprayed as such or with further 1:3 where foam is generated or where the foaming problem is encountered, to eliminate the foam completely.

The quantity of **Defoam WT** dispersion to be used will depend on the intensity of foam etc..

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