



## Defoamer 100

### 1) Product Description

Antifoams are used in a wide variety of foaming systems and in very small concentrations, usually only a few parts per million. Foam can cause major inconvenience in industry, resulting in damage to goods, overflow of vessels, and loss of valuable products and reduced plant efficiency

**Defoamer 100** is a specially formulated product that it used for various applications in different industries

Foaming is a property that demands immediate solution in order to achieve high productivity. Nature of foam differs depending on the industry involved. However, it always occurs as a concentrated dispersion of air or gas bubbles in a liquid medium which is stabilized by impurities, i.e. fine solid suspensions, surfactants, proteins, starches, etc

**Defoamer 100** is a versatile product that combines stability with excellent defoaming action. Silicone defoamer are generally preferred for better stability and more lasting defoaming power in very small concentrations. **Defoamer 100** is extremely cost effective, as it is designed to work efficiently and economically

### 2) Properties

Appearance	:	Milky white emulsion
Solubility	:	Easily miscible in water
Viscosity @ 25°C	:	500 Cstk
Solid content %	:	32
Defoaming Activity (secs)	:	Max.15
Specific gravity @ 25°C	:	1.0
pH	:	7.0
Stability	:	Passes

### 3) Advantage

- 3.1) Easy dispersion in aqueous systems
- 3.2) Superior foam control
- 3.3) Excellent stability at high temperatures
- 3.4) Excellent efficiency at broad pH range
- 3.5) Chemically inert, non-toxic
- 3.6) Economical, as it works at low ppm's
- 3.7) Performs efficiently at low concentration





## 4) Instructions for use

The quantity of antifoam will be dependent upon the application; however, it is recommended that evaluations begin at 100 ppm of the active silicone. To obtain a wider coverage / spread and better efficiency it is advisable for the product to be diluted with potable water in the ratio 1 : 10 prior to usage

## 5) Safe use and handling

Good hygienic and industrial practices should be followed and, when employed as recommended, **Defoamer 100** will not present any hazard. However, prolonged skin contact with the neat product should be avoided and any splashes on the skin should be washed off with water.

The information herein is, to the best of our knowledge, correct and complete. It is based not only on the work in our laboratory but also on the reported results of other workers in this field. It is offered without guarantee of specific properties and no patent liability is assumed. No liability can be accepted for any loss, injury or damage resulting from its use.

