



Technical Data Sheet

DF-500 Silicone Antifoam

DESCRIPTION:

Tri-Chem Industries DF-500 Antifoam is a highly efficient and stable silicone emulsion antifoam agent. It is supplied in an emulsion form and is designed for use in a variety of aqueous systems.

TYPICAL PROPERTIES:

Appearance:	Opaque, stable liquid
Color:	White
Specific Gravity @ 25°C	1.0
Non Volatile Residue @ 105°C	30%-35%
Silicone Fluid Content:	28%-32%

FEATURES:

1. Provides excellent operating efficiency.
2. Effective over a wide range of temperatures.
3. Imparts rapid knockdown of foam.
4. May be diluted for maximum efficiency.
5. Has excellent storage stability.
6. Can be used as an Antifoam or as a Defoamer.

APPLICATION:

Because of the high defoaming efficiency of Tri-Chem Industries DF-500 Antifoam, most systems require only 10 to 150 parts of defoamer per million parts of foaming system. A good starting point is to add about 100 parts of Tri-Chem Industries DF-500 Antifoam (as supplied) per million parts of foaming system. The level of foam control obtained at this concentration will determine whether to increase or decrease the concentration.



STORAGE AND HANDLING

Tri-Chem Industries DF-500 Antifoam should be stored above 40°C to insure optimum performance. As with all water based antifoam emulsions, it should be protected from freezing.

DISCLAIMER

This information is based on preliminary observation and has not been subjected to rigorous testing. The above data is should not be used for specification writing. Suitability of this product for a specific application should be determined under actual use conditions. No warranty, expressed or implied, is hereby made.

