



Nanjing ANTIFOAM Environmental Technology Co., Ltd

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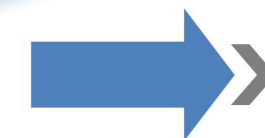
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At ANTIFOAM

We are committed to becoming a global leader in the
manufacture of green chemicals.

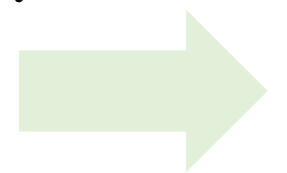


ANTIFOAM PROFILE

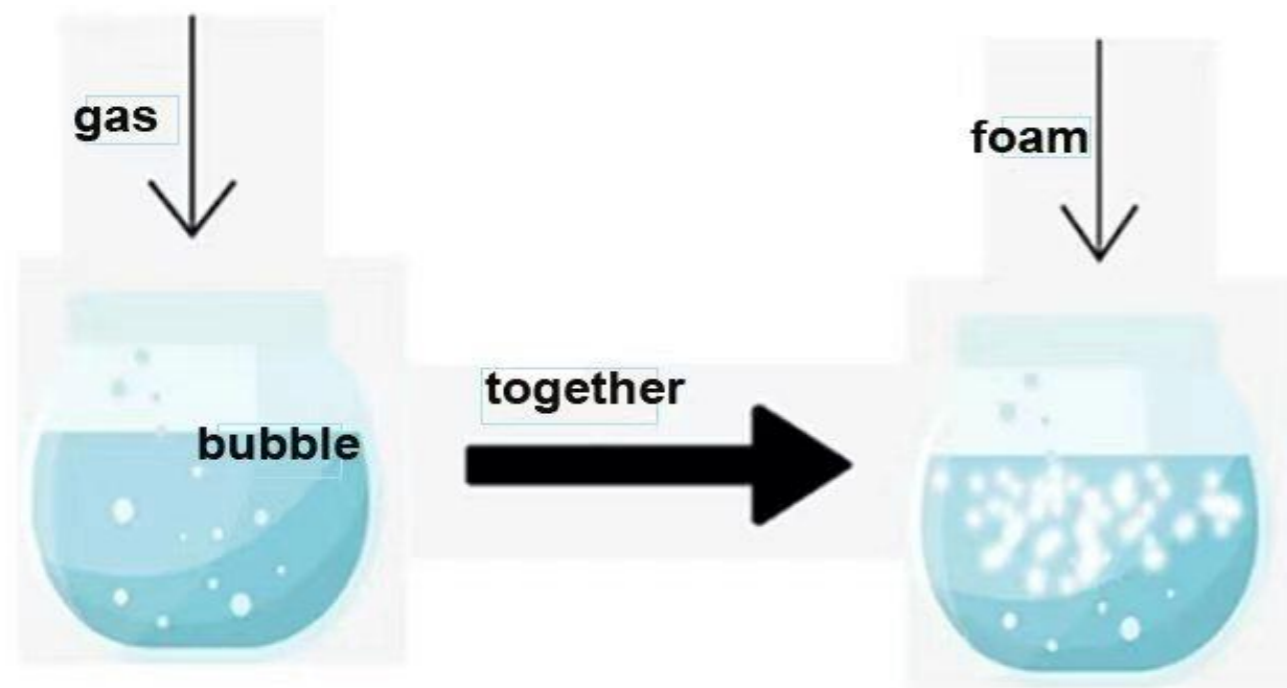
ANTIFOAM company is a growth oriented, diversified, defoamer chemicals manufacturer dedicated to innovative foam control solutions in a broad range of markets.

With professional knowledge, rich experience and mature technical research and development team, ANTIFOAM company serves its wide range of anti foam agent solutions to the partners from different industries, including pulp and paper, textile, water treatment, oil and gas, construction, agriculture, paint and coating, ink, household, and laundry, industrial cleaning, alumina and other industries.

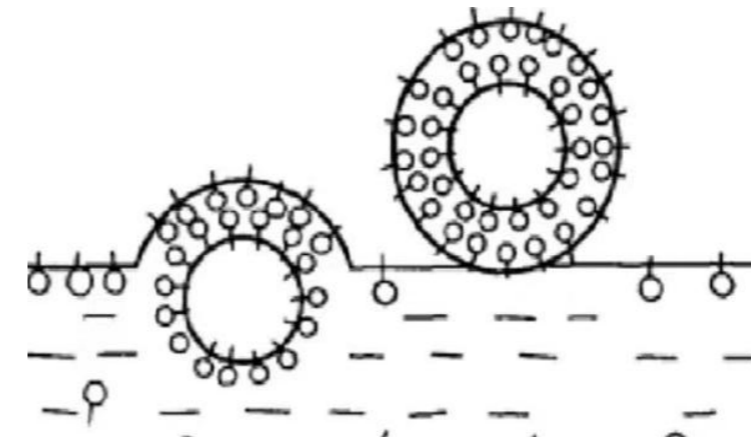
With experience spanning more than 20 years, the ANTIFOAM company is one of the major actors in the formulation of defoamers and antifoams for all industry sectors.



Foam Formation



Foam is insoluble gas under external force, going into the liquid with low surface tension, which is caused by the isolation of the liquid. In a liquid foam, only one gas-liquid interfaces called a bubble. When multiple bubbles gather, they form foams.



Stabilization

When the bubble rises up to the liquid surface, it is adsorbed by the surfactant, forming an adsorption layer. The adsorption layer will prevent the collision and merger between bubbles, and protect the bubble films, so the bubbles are not easy to break and form stable bubbles, then later form massive foams by getting together.



What is Antifoam?

Antifoam refers to an agent having chemical and interfacial chemical defoamer effect.

It is a substance that can reduce the surface tension of water, solution, suspension, etc., prevent foam formation, or reduce or eliminate the original foam.

Household Cleaning & Detergent

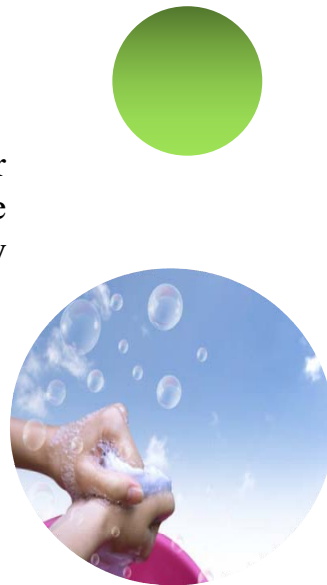
We cannot live without a variety of daily chemicals in our daily life. While washing, we can see a lot of foam, these foam adhere to the clothes or washing machine is very difficult to deal with. Common cleaning products are:

- Powder Detergent
- Liquid Detergent
- Cleaning Agent

What will happen if these foams are not eliminated in time?

1. The foam on the surface will cause some erosion, resulting in poor cleaning effect.
2. Too much foam will slow down the cleaning progress and lead to the increase of cleaning cost.
3. A large amount of foam will overflow the cleaning system, which will not only affect the surrounding environment, but also lead to waste.
4. The foam needs to use a lot of water to wash, which wastes water resources.

Regardless of whether you are interested in foam control in liquid detergents, powder detergents or cleaning agents or whether you would like to use antifoam agents as processing aids, we are likely to have the right defoamers for your every need.



Defoamer Test Methods



Alumina

Normally defoamer destroys foam well in ordinary solution, but the aluminum-alkaline solution in the process of alumina production has a strong alkalinity and a high temperature, then the selected defoamer must have chemical stability and low volatility for the strong alkaline medium, and can also play excellent foam knockdown.

The alumina defoamer from us is a non-silicone antifoaming agent with hydroxy compound and synergist, which can eliminate ion of foam in the Bayer alumina production process. It can be used in the decomposition tank and the red mud washing tank during the alumina production process, which has the following advantages:

- Good dispersion, no residue, no oil drift, and no influence on subsequent processes.
- Low dosage, odorless.
- Long-lasting anti-foaming effect.
- Small surface tension, strong diffusion and permeability.
- High temperature resistance, effective in a wide PH range.

Defoamer Test Methods



AF-624				√			√							
AF-7017								√						
AF-711								√					√	
AF-713			√			√								
AF-714	√		√			√								
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