



## Nanjing ANTIFOAM Environmental Technology Co., Ltd

Add: No.78 Bancang Street, Xuanwu Science and Technology Park, NNU,  
Nanjing City, China

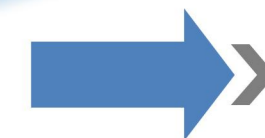
Tel: +86 13905061943

Email: [antifoam01@163.com](mailto:antifoam01@163.com)

Website: [www.antifoamchemical.com](http://www.antifoamchemical.com)

# At ANTIFOAM

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

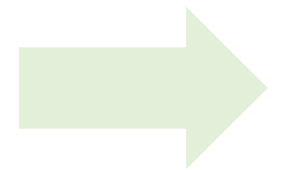


# ANTIFOAM PROFILE

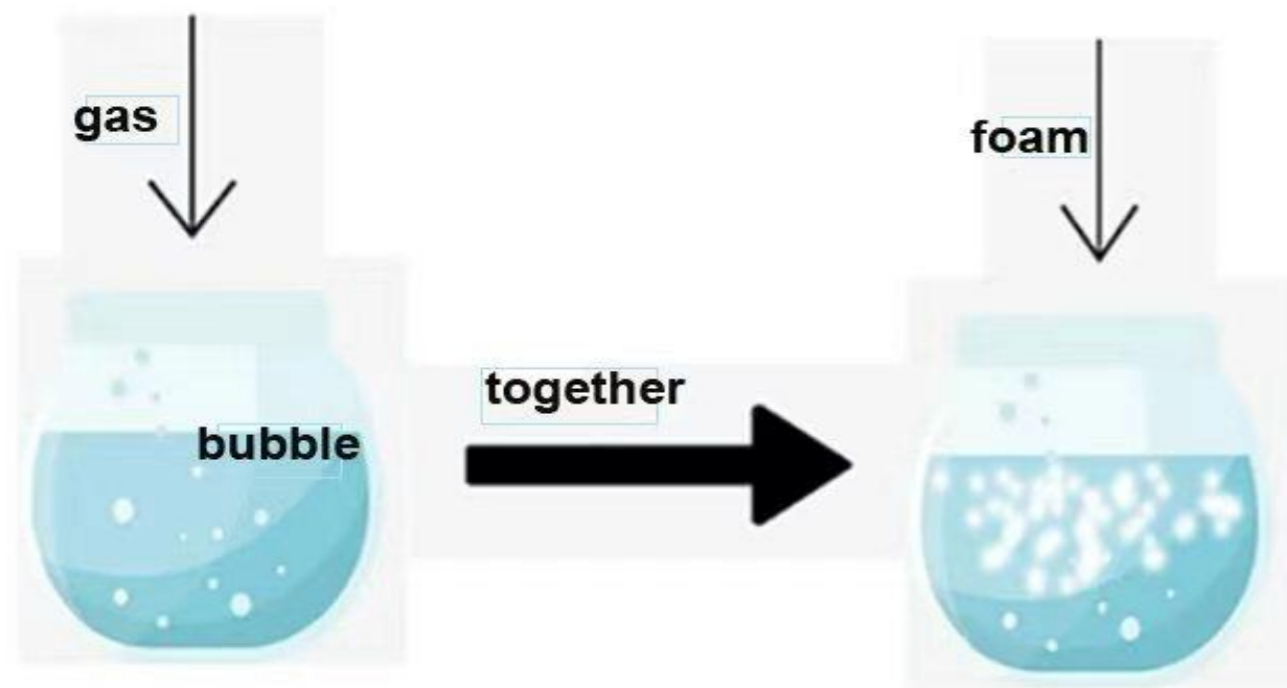
**ANTIFOAM company is a growth oriented, diversified, defoamer chemicals manufacturer dedicated to innovative foam control solutions in a broad range of markets.**

**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.**

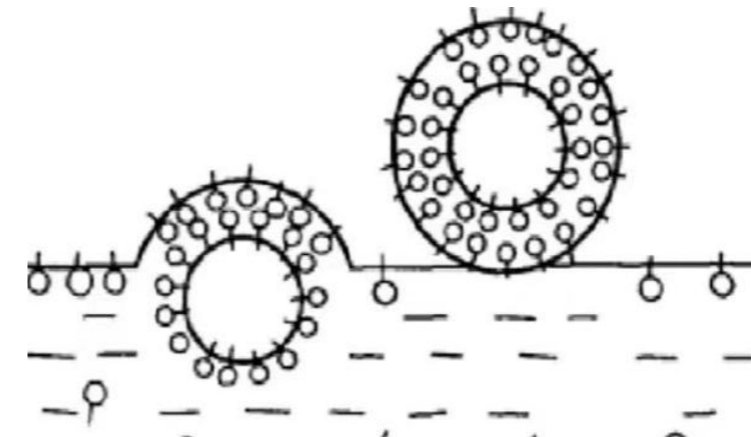
**With experience spanning more than 20 years, the ANTIFOAM company is one of the major actors in the formulation of defoamers and antifoams for all industry sectors.**



# 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.

# Agrochemical

Agriculture is a key development in the rise of human civilization, and the production of healthy agricultural crops cannot be separated from the use of pesticides, fertilizers, herbicides and other products.



## Fertilizer

The production of fertilizer requires the addition of a large number of chemical auxiliaries. In this process, a lot of foam is produced, which can pollute the environment and affect the effectiveness of fertilizer use.



## Production and Pesticide bottling

Pesticides are mainly used to control pests and help crops grow healthily. However, the foam produced by pesticides during production and bottling can reduce the performance of pesticides. It affects the growth of crops and even the health of workers.



## Herbicides

Herbicides are used to control the growth of unwanted plants. It is often used to grow crops, as well as lawns, parks and other areas. The foam problem in the process of herbicide production seriously affects the effectiveness of herbicide and the absorption of nutrients by crops.

## Antifoams for phosphoric acid process

Phosphoric acid is mainly used in the production of chemical fertilizer, pharmaceutical, food and other industries, is an important intermediate product in the production of fertilizer industry, used to produce high-concentration phosphate fertilizer and compound fertilizer.





AF-624				√			√							
AF-7017								√						
AF-711								√					√	
AF-713			√			√								
AF-714	√		√			√								
AF-715	√													
AF-716														√
AF-717														√
AF-722								√	√					
AF-723			√		√									
AF-733									√					
AF-744									√					
AF-755		√					√							
AF-766					√									
AF-801			√		√									
AF-810			√											
AF-811		√												
AF-812		√		√			√			√				√
AF-f812								√						
AF-815			√											
AF-816		√												
AF-817		√		√		√							√	
AF-822				√									√	
AF-830	√		√									√		
AF-884	√													
AF-885				√										
AF-890				√	√			√		√		√		
AF-900		√					√		√				√	√
AF-901										√				
AF-910									√					
AF-916									√					
AF-917								√	√					
AF-9890								√						