



**Nanjing ANTIFOAM Environmental Technology Co., Ltd**

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

**Tel: +86 13905061943**

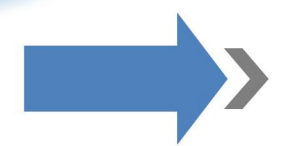
**Email: antifoam01@163.com**

**Website: www. antifoamchemical.com**



# **At ANTIFOAM**

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

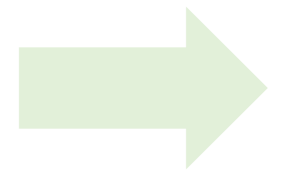


# ANTIFOAM PROFILE

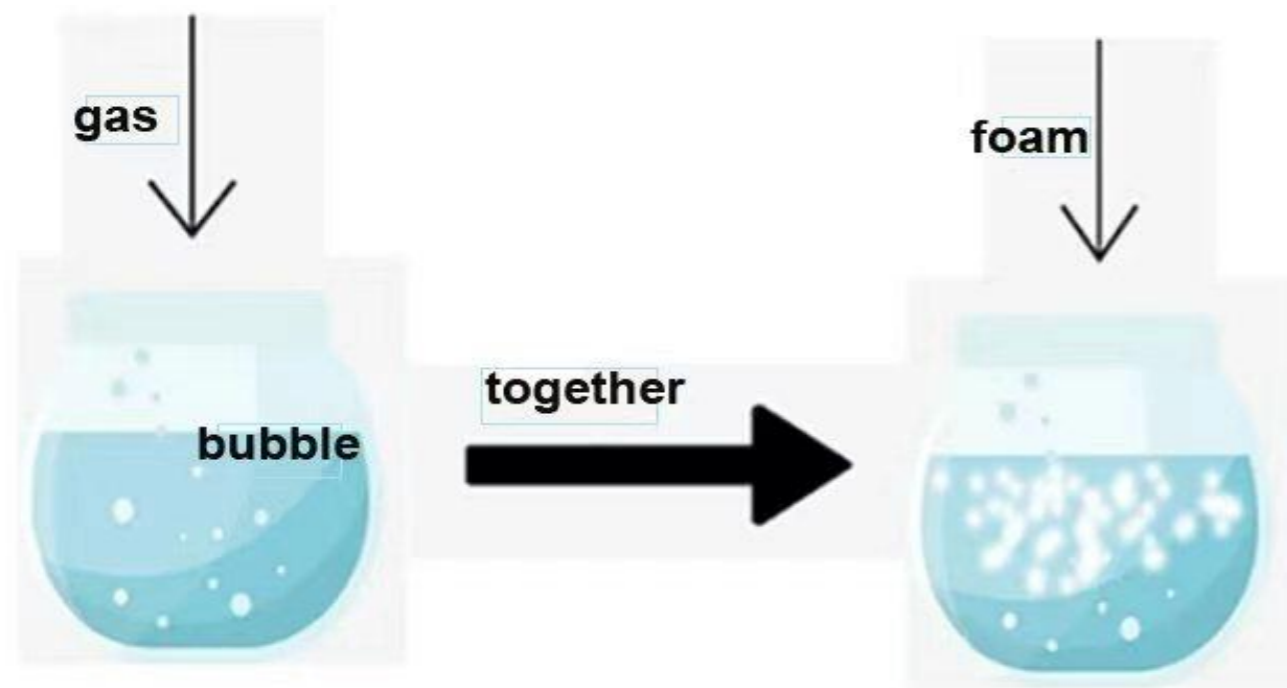
**ANTIFOAM company is a growth oriented, diversified, defoamer chemicals manufacturer dedicated to innovative foam control solutions in a broad range of markets.**

**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.**

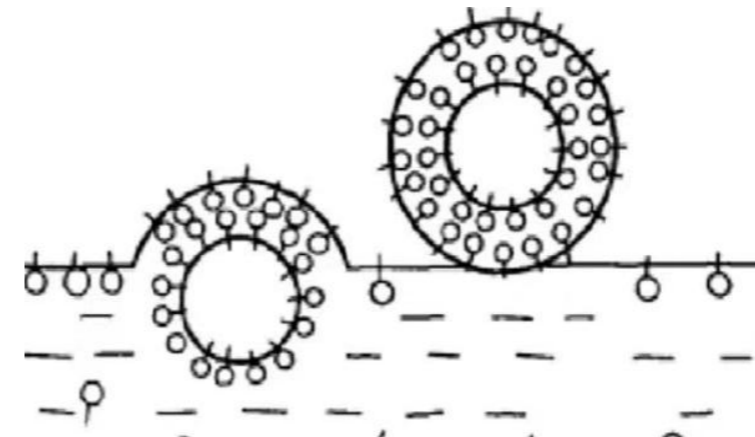
**With experience spanning more than 20 years, the ANTIFOAM company is one of the major actors in the formulation of defoamers and antifoams for all industry sectors.**



# 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.

# Desulfurization industry

In power plant desulfurization, boiler flue gas desulfurization, powder flue gas desulfurization and other processes, the desulfurization technology can be divided into wet, dry and semi-dry desulfurization according to the dry and wet state of absorbent and desulfurization products in the desulfurization process.



At present, the power plant desulfurization technology is dominated by wet desulfurization process, while dry and semi-dry desulfurization process are also developing. Adding a suitable defoamer in the desulfurization process can reduce the surface tension of water, solution, suspension, etc., and effectively prevent the impact of foam on the desulfurization process. At the same time, the special defoamer for desulfurization has good chemical stability and heat resistance, and has a wide range of applications, which can reduce the loss in desulfurization and improve the working efficiency of the entire desulfurization system.



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								√						