



Nanjing ANTIFOAM Environmental Technology Co., Ltd

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

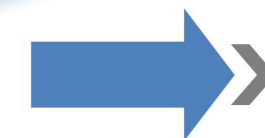
Tel: +86 13905061943

Email: antifoam01@163.com

Website: www.antifoamchemical.com

At ANTIFOAM

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

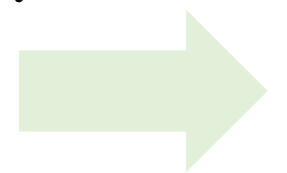


ANTIFOAM PROFILE

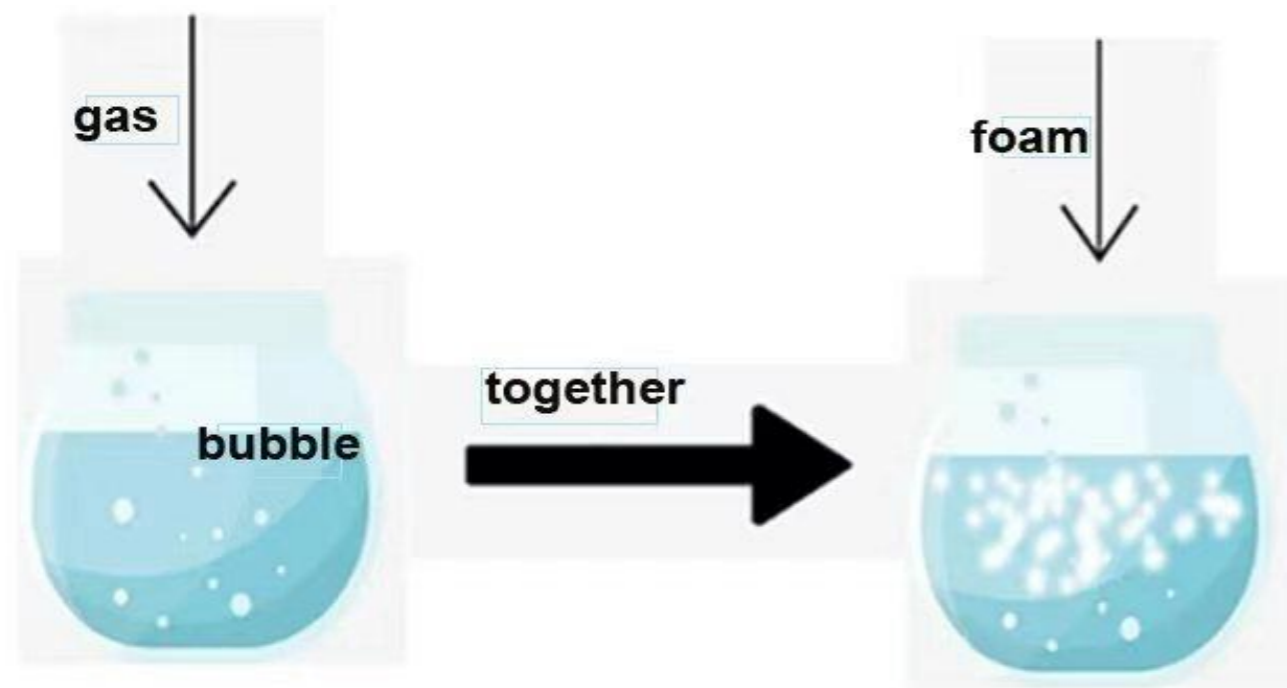
ANTIFOAM company is a growth oriented, diversified, defoamer chemicals manufacturer dedicated to innovative foam control solutions in a broad range of markets.

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.

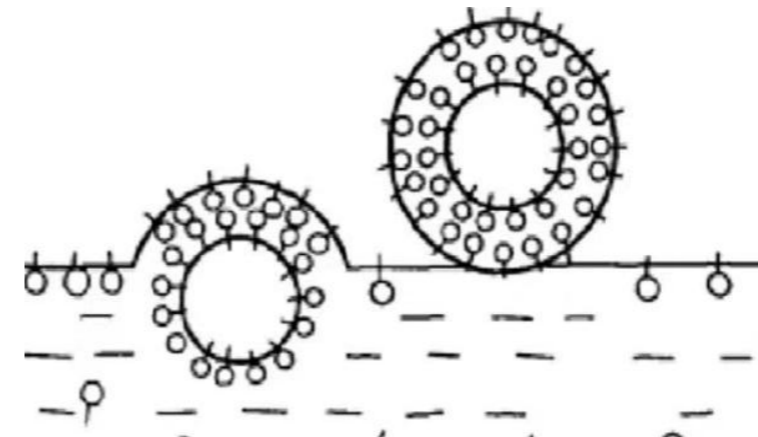
With experience spanning more than 20 years, the ANTIFOAM company is one of the major actors in the formulation of defoamers and antifoams for all industry sectors.



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.

Oil and Gas

Oil and gas are major industries in the energy market and play an influential role in the global economy as the world's primary fuel sources. The processes involved in producing and distributing oil and gas are highly complex, capital-intensive, and require state-of-the-art technology.

Foam existence has a great impact on the quality and output of oil products, equipment operation efficiency, transportation etc.



Drilling Process

Agents added contain the surfactant that has foaming characteristics, leading to foam occur. Too much foam will firstly slow down the drilling process, which will increase the difficulty of drilling, reduce the efficiency of drilling and increase the cost. Also a large amount of foam will overflow the drilling system, and waste the drilling fluid and treatment agent.

Refining process

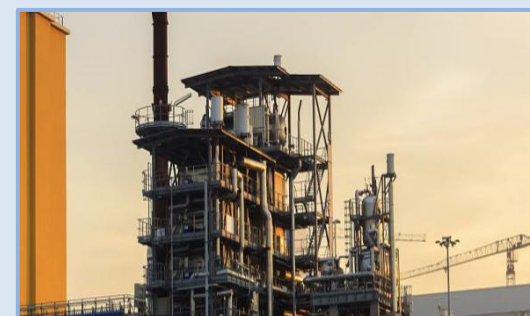
A certain proportion of chemical additives which has foaming features will be added to improve the refining efficiency. In addition, chemical solvents, oil pollution, water and other impurities during the process leads to chemical reactions to form foam. Too much foam will affect the progress, resulting in inefficiency and excessive costs.

Delayed coking

It is one of the main methods of oil processing. The foam formation is related to the viscosity, density of the coking raw material and the existence of surfactant with foaming characteristics. It will have adverse effects, such as seriously threatens the operation of the device, affects the normal operation of the coking equipment, and reduces the utilization rate of the equipment.

Cementing

The stirring and vibration of cementing equipment will have a lot of air to be involved, which will cause the occurrence of foaming. Besides, chemical additives are added to the oilfield cementing process. These additives contain surfactant to foaming. Too much foam will affect the strength and quality of oilfield cementing and lead to substandard cementing performance. It will slow down the progress, and cause unnecessary cost increase. It will lead to the deterioration of cementing quality and affect the density of oilfield cement, lowering the strength.



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								√						