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At ANTIFOAM

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

Nanjing ANTIFOAM Environmental Technology Co., Ltd

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.

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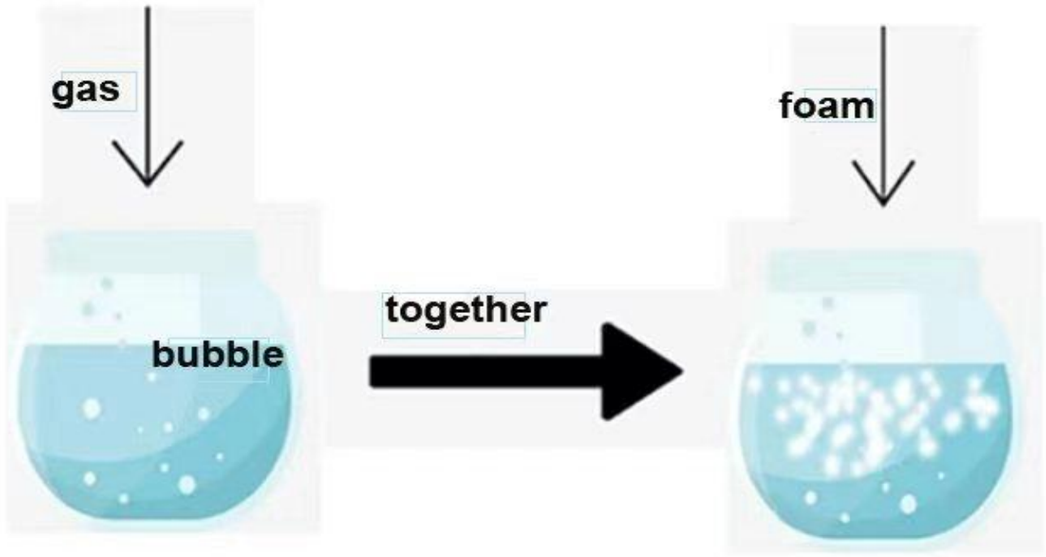
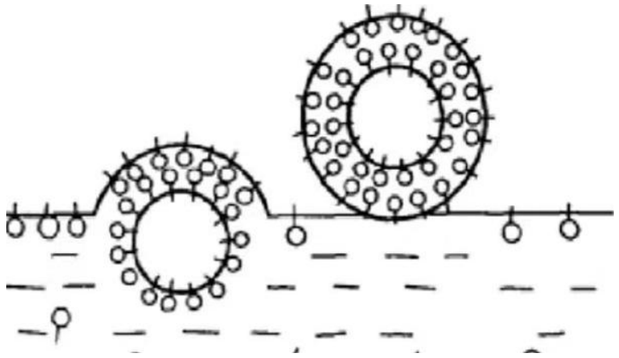
Foam Formation



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.

Latex Paint

Latex paint is in common use building materials. Because latex paint contains a lot of surfactants, it is easy to produce foam. Much foam will affect the construction, resulting in safety risk and uneven mixing of materials. Surface defects and color differences, affecting the appearance of beauty.

The antifoams we produce are good at suppressing foam from manufacturing to the final product.

The Role of Antifoams in Latex Paint

In the latex paint, the addition of antifoams can deal with the foam that has emerged and inhibit the emergence of new foam. This reduces costs, and better to help the latex paint molecules disperse evenly, making it whiter and more delicate. It can also improve the latex film's strength, water resistance and scrub resistance. Besides, the density of the antifoam is small, and it has suspension, so as to play an anti-settling role.

Advantages

of our products

- Stronger bubble breaking effect, faster defoaming speed, less dosage and longer lasting effect;
- Good surface tension, high temperature resistance, and have good compatibility with other liquid;
- Be easily dispersed in water and will not cause secondary pollution;
- No negative impact on the next process and won't affect the appearance of the product.

ANTIFOAM Product Reference

	Pulp & Paper	Textile Industry	Water Treatment	Industrial Cleaning	Construction & Building	Fermentation	Laundry & Household	Leather	Coatings	Inks	Oil Field	Alumina	Desulfurization	Mining Industry	Metal Cutting Liquid
AF-030	√	√	√		√									√	
AF-031				√					√						
AF-032		√													
AF-050		√													
AF-053							√								
AF-060		√													
AF-080			√												
AF-192		√			√										
AF-193					√										
AF-194					√						√				
AF-195			√												
AF-196							√							√	
AF-198							√								
AF-200														√	
AF-2035														√	
AF-205															√
AF-402	√														
AF-403	√														
AF-406	√		√												
AF-408	√		√												
AF-409										√					
AF-501					√										
AF-502					√										
AF-503														√	
AF-601	√														
AF-608							√			√					
AF-612	√														
AF-613		√													
AF-623							√								√

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									√							