



Nanjing ANTIFOAM Environmental Technology Co., Ltd

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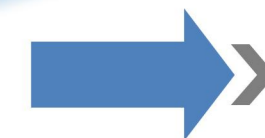
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At ANTIFOAM

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



ANTIFOAM PROFILE

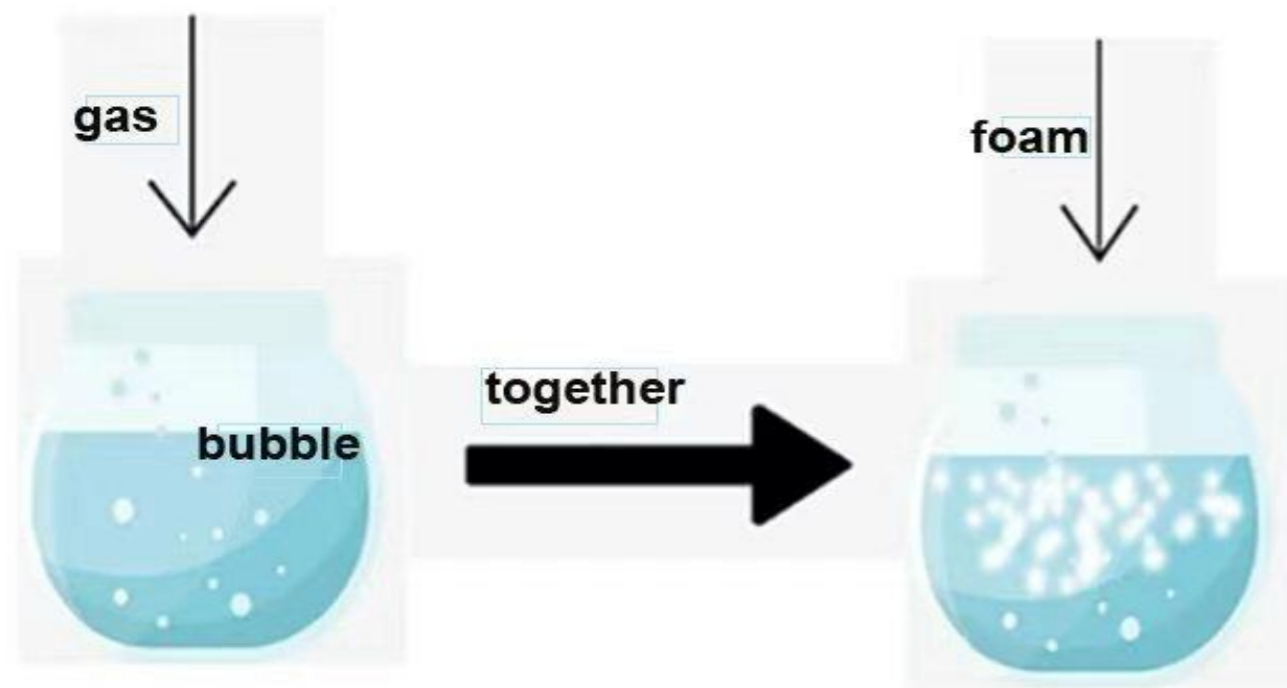
ANTIFOAM company is a growth oriented, diversified, defoamer chemicals manufacturer dedicated to innovative foam control solutions in a broad range of markets.

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.

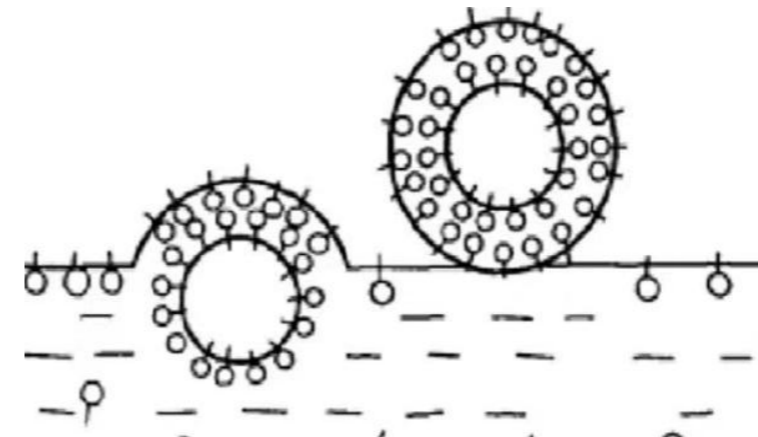
With experience spanning more than 20 years, the ANTIFOAM company is one of the major actors in the formulation of defoamers and antifoams for all industry sectors.



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.

Construction & Building

Customers have been using our solutions for years to improve structural strength and safety, increase energy efficiency, increase durability and enhance aesthetics. We offer excellent options for industries such as architectural coatings.

From future-proof custom solutions to technologies that provide answers today, explore products that builders can rely on for a solid foundation.

Matters needing attention:

1. Stir well

The defoamer can be directly added and used. It's necessary to stir thoroughly and evenly.

2. Add more or less

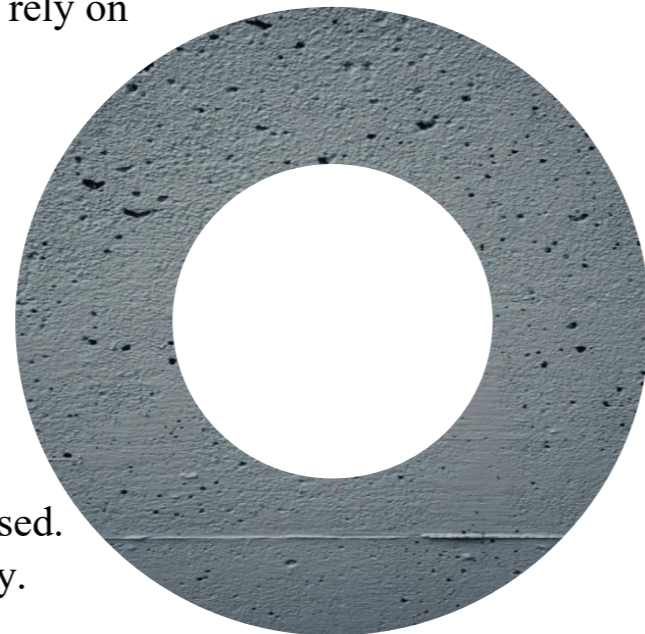
It is recommended not to dilute the use, as this will directly affect the amount of defoamer added. It's not always better to add more defoamer.

3. The defoamer can be added twice

At the first time, half of the total amount is added when the material is prepared, and at the second time, the other half is added after grinding.

4. Control your time

After adding the defoamer, it takes at least 24 hours to test the properties of the material.



Asbestos tile is relatively common in daily life. It is a roof waterproof material made of asbestos fiber and cement by pressing the board, which has the advantages of fire resistance, moisture resistance, corrosion resistance, heat resistance, and cold resistance. It is used in daily life widely.

Due to the presence of easily foaming ingredients such as paper pulp and asbestos in the slurry, coupled with rapid stirring, there is a large amount of foam in the production. The existence of these foams directly affects the feeding of the blanket, causing the blanket to block, forming a vicious circle, and causing production problems. The craftsmanship caused great harm.

Features of Defoamer for Asbestos tile:

Excellent dispersibility, can be evenly dispersed in water system

Fast defoaming speed and long foam suppression time

High temperature resistance and alkali resistance, high cost performance

Non-toxic and environmentally friendly, no pollution

Construction & Building



Defoamers for Building & Construction can be used for Water reducer and Dry mix mortar;

With the development of the construction industry in recent years, the demand for polycarboxylate water reducer and dry-mix mortar has increased year by year, and the corresponding demand for defoamers has also been increasing.

ANTIFOAM's defoamers are effective in prevent entrapped air in construction products when the air content must be minimized. This is pretty important for water reducer and dry mix mortar.

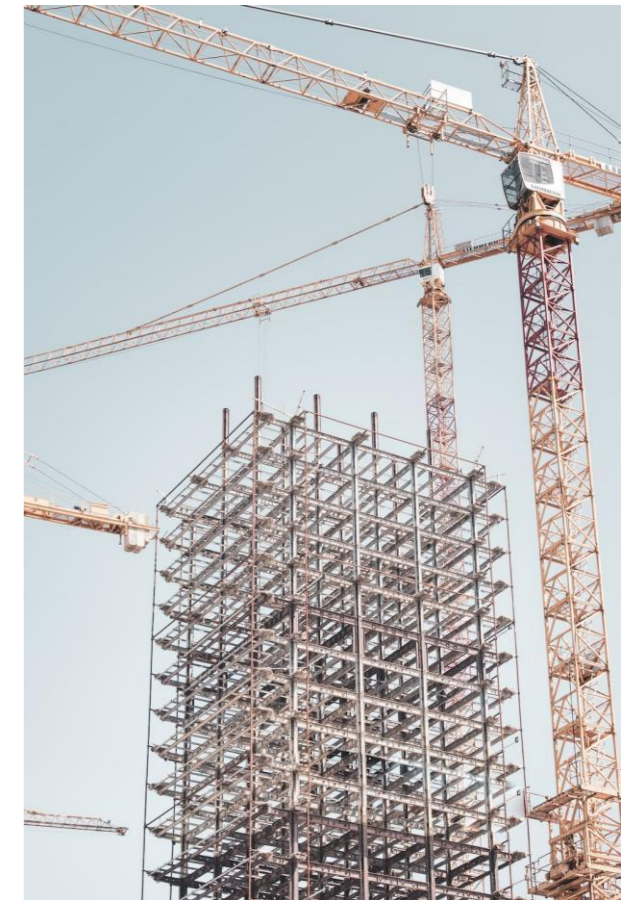


ANTIFOAM Chemicals Antifoam solution is an additive you use to ensure that you can control any foam created as part of your cement mixing or pouring process.

Our concrete Antifoam solution is added to a cement slurry in the blender during mixing. It helps to prevent air getting trapped in the slurry or foam forming trapping tiny air bubbles. Air caught in the cement slurry can have a negative impact on the density of your cement job or the finish of your final cement product. ANTIFOAM Chemicals cement antifoam is designed by our expert chemists to reduce foam in most cement systems.

Why do you need to remove the foam from your concrete slurry?

- 1.Foam causes an increase in slurry viscosity;
- 2.Foam impacts the density of your concrete;
- 3.Air bubbles can cause an increase in the volume of your slurry;
- 4.Foam can reduce the time it takes for your slurry to thicken.



ANTIFOAM recommendation:



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