

## ANTIFOAM SOLUTIONS FOR FERMENTATION



RK-0010 is 100% silicone free antifoaming agent with eliminating air performance which is used in paper making, fermentation, water treatment and powder plant desulfurization.

RK-700P is a silicone free based defoamer with breaking foam quickly in many industries, such as cooling water treatment, Reverse osmosis RO membrane, sea water treatment, desalination and fermentation.

RK-8636 is a innovative silicone defoamer, which is ready to used in widely applications, such as textile, water treatment, fermentation, PCB cleaning.

RK-F0080 is a non-silicone defoamer with excellent air removal's performance and used in paper mill, sea water desalination, fermentation, fiber cement and other water treatment.



During the fermentation process, the foam-active substances, air and turbulences contribute the excessive foam. Generally, carbohydrates as material, are converted into sugar substrates, enzymes, starches and proteins, which promote the foam appearance. In addition, amino acids and proteins generated by microorganism can cause large of foam activity.

As a manufacturer of foam control agents, RICKMAN provides a series of defoamer solutions for molasses fermentation, ethanol/ alcohol fermentation, distilleries, sugar refineries etc. Silicone defoamers and polyether defoamers provide excellent breaking foam and antifoaming performance for fermentative processes. And adding procedure depends on the fermentation progress. The usage of antifoams can be adjusted according to the whole fermentation.

PLEASE CONTACT RICKMAN COMPANY  
FOR FOAM CONTROL SOLUTIONS!

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