



DFM-PDS-NA-Advantage 357-R2

Advantage™ 357 defoaming agent

Product Description

Advantage™ 357 defoaming agent is a high-efficiency, hydrocarbon oil-based antifoaming agent, designed especially for use in the wet end of the papermaking process. The product is formulated to control both entrained air and surface foam. It is readily dispersible and remains effective after many other foam killers are dissipated.

Advantage 357 is often used to control entrained air and surface foam in the coating operation, where its rapid dispersion makes it ideal for use on high-speed machines.

Typical Uses

Advantage 357 is particularly suited as an antifoamer and/or defoamer for the wet end of the papermaking process. It should be added as received to control foam. In-line dilution can also be used; however, this is usually unnecessary owing to the ease of handling of the product. Advantage 357 is used in both alkaline and acid systems and works over a pH range of 4.0 to 10.0.

Many foam killers are limited in the amount that can be used. Adverse side effects, such as fisheyes and spotting, restrict the addition of optimum quantities during the production of lightweight paper. In most cases, however, Advantage 357 can be used in amounts sufficient to control foam without causing these problems.

Typical Evaluation

As a typical example of its efficiency, Advantage 357, when compared with two leading foam killers in a standard system stirred in a high-shear mixer for 15 minutes, gave total foam-and-liquid volumes as follows:

Materials of Construction

Carbon steel or stainless steel can be used for bulk storage of Advantage 357. Ask your Solenis representative for more information.

Packaging

This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging for the application.

Important Information

Typical Properties: Refer to the Safety Data Sheet (SDS).

Regulatory Information: Refer to the SDS or contact your sales representative for any additional regulatory and environmental information.

Safety: Solenis maintains an SDS for all of its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers.

Our SDS should be read and understood by all of your supervisory personnel and employees before using Solenis products in your facilities.

Foam-and-Liquid Volume, cm³

	<u>Initial</u>	<u>After 5 min</u>	<u>After 10 min</u>	<u>After 15 min</u>
Advantage 357	560	510	450	400
Foam killer A	710	690	640	580
Foam killer B	800	780	750	690