



Technical Data Sheet

DOWSIL™ AFE-7820 Antifoam Emulsion

Foam control agent and process aid for pulp manufacturing.

Features & Benefits

- High efficient antifoam and defoamer at low concentration levels
- Immediate foam control action
- Good persistency at high temperature and highly alkaline conditions

Composition

- Silicone antifoam emulsion

Applications

- Designed as pulp foam control agent. DOWSIL™ AFE-7820 Antifoam Emulsion can be used for hard wood, soft wood and bamboo pulp foam control.

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

CTM ¹	Property	Unit	Result
0176	Appearance		Milky white
0208	Non-volatile content	%	20
0050	Viscosity (25°C)	mPa.s	2200

1. CTM: corporate test Method, copies of CTM's are available on request.

Description

DOWSIL™ AFE-7820 Antifoam Emulsion is a 20% solids emulsion. It is an efficient foam control agent to control foam in Kraft and Sulphite stock washing process.

How to Use

DOWSIL™ AFE-7820 Antifoam Emulsion should be delivered as close as possible to the point of foaming in the process.

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

Usable Life and Storage

Product should be stored between 5 and 40°C (41 and 104°F) in original, unopened containers.

Shelf life for this product is 360 days.

Packaging Information

Please contact your local distributor or Dow representative for information on packaging size and availability.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health and Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

dow.com

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