ASHLAND

Ashland Specialty Ingredients
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NUMBER 4569

Drewplus™ W-4300

Foam Control Agent

General

Drewplus W-4300 foam control agent is a nonionic antifoam formulation comprised of a blend of hydrocarbons, amides and surfactants.

DREWPLUS TECH I.D.™ System No. W-4300

Typical Properties

Appearance at 25 °C:	Opaque, tan-yellow liquid
Specific Gravity:	0.87
Brookfield Viscosity:	1000 cps
Pour Point:	15 °F (-9 °C)
VOC (EPA Method 24):	1.2%

These values should be viewed as typical and not as specifications.

Application

Drewplus W-4300 foam control agent is designed for systems requiring more aggressive foam control than conventional foam control agents. It displays excellent activity in exterior architectural paints, and can be used to replace silicone-based grind foam control agents to achieve a one product solution. Significant cost savings may be obtained by replacing a silicone grind foam control agent and a conventional silica or organic hydrophobe foam control agent with this single product. Use levels can be reduced by 40-60 percent when compared to conventional silica and wax-based foam control agents. Drewplus W-4300 foam control agent can be easily added to the letdown portion of most architectural paints without creating surface defects. It is compatible with colorant tint base systems showing no significant color defects. Drewplus W-4300 foam control agent has been found to be particularly useful in exterior architectural paints based on MULTILOBE* 200-type resin systems.

Drewplus W-4300 foam control agent is also effective in many industrial processes and wastewater foam control applications. Dosage is dependent on the foaming tendency of the stream or system to be treated. The correct dosage will be recommended by your Ashland Specialty Ingredients representative after studying your system. Even though this product will collapse foam, it may be more effective when fed as a preventative measure before foam develops. As a general rule, the product should be fed neat right at the surface of the water shortly before the foam appears.

Features	Advantages	Benefits
Unique patent pending formulation	Excellent foam control in exterior formulations Up to 50% dose reduction vs. conventional defoamers	Improved cost performance Significant cost savings
Multiple hydrophobe	Enhanced performance, particularly faster bubble break Process and application foam control	Fewer defoamers in inventory Controls macro and micro foam
Easy to incorporate	Post-addable Compatible	Easy plant use No surface defects
Excellent product stability	Less mixing after storage	More uniform product addition
Low VOC	No measurable VOC in finished paint	Allows compliance with current/future regulations

Storage and Handling

Drewplus W-4300 foam control agent should be stored at room temperature and mixed prior to use to insure homogeneity. If freezing occurs, let thaw at room temperature and agitate prior to use. Metering pumps should be able to handle high viscosity liquids.

Recommended materials of construction for storage and handling are aluminum, mild steel, stainless steel, polypropylene, PVC, polyethylene, nylon, EPDM, TEFLON* and VITON* materials.

Packaging

Drewplus W-4300 foam control agent is available in various package sizes including drums, semi-bulk containers and bulk.

Important Information

Ashland maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.

Our Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Ashland products in your facilities.