



NUMBER 4559-2 (Supersedes 4559-1)

Drewplus™ S-4374

Foam Control Agent

General

Drewplus S-4374 foam control agent is especially designed for use in surface coatings, overprint varnishes and pigmented inks. The product has proven particularly suitable for use in industrial wood coatings, applied by flow coat, dip, curtain coating or spray; and also exhibits excellent performance in brush or roller applied wood coating systems. Drewplus S-4374 foam control agent is a 40 percent active emulsion of surface active agents and hydrophobes in water.

Typical Properties^(a)

Appearance.....	Opaque, white to off-white to yellowish liquid
Specific Gravity	1.00
Density (lb/gal).....	8.3
Brookfield Viscosity ^(b) , as supplied (cps)	3400
VOC (ASTM D-6886).....	< 0.1%
Solubility.....	Emulsifiable in water
Solids	~ 40%
Freeze Point.....	32°F (0°C)
Flash Point ^(c)	> 212°F (100°C)

^(a) These values should be viewed as typical and not to be regarded as specifications.

^(b) RV Spindle #3, 20 rpm, @ 25°C.

^(c) Pensky Martens Closed Cup (PMCC).

Application

The dosage of Drewplus S-4374 foam control agent ranges from 0.5 - 1.0 percent (5 to 10 pounds per hundred gallons) on weight of formulation. For optimum foam control, this product can best be added in the letdown phase or after rheology agents. One-third of the total dosage can, however, also be applied during mill base stage.

Storage and Handling

Under normal storage conditions (between 50°F / 10°C and 90° / 33°C in closed packaging), Drewplus S-4374 foam control agent has good chemical stability. However, Drewplus S-4374 foam control agent can exhibit separation with storage. To ensure homogeneity, it is recommended that Drewplus S-4374 foam control agent be mixed / recirculated before use or sampling.

Drewplus S-4374 foam control agent does require freeze protection.

Recommended materials of construction for storage and handling are cross-linked polyethylene, PVC, aluminum, mild steel, stainless steel, Teflon* and Viton*.

Review the Safety Data Sheet (SDS) for additional information.



Regulatory

All components of Drewplus™ S-4374 foam control agent are listed on TSCA and DSL chemical inventory (USA and Canada). For additional global chemical inventory information, please refer to Safety Data Sheet Section 15 or contact Ashland Product Regulatory Group. Drewplus S-4374 foam control agent does not contain alkyl phenol ethoxylates (APEOs).

Packaging

Drewplus S-4374 foam control agent is available in 5 gallon pails, 55 gallon drums and intermediate bulk containers (IBCs) and bulk. Standard 4oz (100ml) samples are available upon request.

Important Information

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

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