



NUMBER 4556-1 (Supersedes 4556)

Drewplus™ S-4273

Foam Control Agent

General

Drewplus S-4273 foam control agent is designed for use in surface coatings and printing inks. This product is recommended for foam control in industrial wood coatings, semi-gloss, high-gloss architectural paints and adhesives. Excellent results have also been achieved in flexographic printing inks and overprint varnishes.

Typical Properties^(a)

Appearance.....	Opaque, white liquid
Specific gravity.....	1.00
Density (lb/gal).....	8.3
Brookfield Viscosity ^(b) , as supplied (cps).....	1770
VOC (ASTM D-6886).....	<0.01%
Solubility.....	Emulsifiable in water
Solids.....	40% ± 2%
Flash Point ^(c)	>212°F (100°C)
Pour Point.....	0°C (32°F)

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

^(b) RV Spindle #2, 20 rpm, @ 25°C.

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

Applications

The dosage of Drewplus S-4273 foam control agent ranges from 0.1 - 0.5 percent (one to five pounds per hundred gallons) on weight of formulation. This product can be added during the mill base and letdown stage of paint production.

Drewplus S-4273 foam control agent can be prediluted with water (maximum four parts water, one part emulsion).

Storage and Handling

Under normal storage conditions (between 50°F / 10°C and 90° / 33°C in closed packaging), Drewplus S-4273 foam control agent has good chemical stability. However, Drewplus S-4273 foam control agent can exhibit separation with storage. To ensure homogeneity, it is recommended that Drewplus S-4273 foam control agent be mixed / recirculated before use or sampling.

Drewplus S-4273 will freeze in temperature below 32°F and should be protected from freeze / thaw cycling.

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

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



Regulatory Information

All components of Drewplus™ S-4273 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-4273 foam control agent does not contain alkyl phenol ethoxylates (APEOs).

Packaging

Drewplus S-4273 foam control agent is available in 5 gallon pails, 55 gallon drums and intermediate bulk containers (IBCs). 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.