

Chemstat® AF-687/60DCHF

CHEMICAL NAME Surfactant Blend on Silica

CAS NUMBER Proprietary

FUNCTION Antifogging Agent

TECHNICAL REQUIREMENTS Activity, % 58-62
Appearance.....White to Off White Powder

GENERAL DATA Classification..... Nonionic
Pounds Per Gallon 2.92
Density @ 25°C..... 0.35

APPLICATION Chemstat®AF-68/60DCHF is recommended primarily as an internal antifog agent for PP and PE films. This material provides efficacy for both hot and cold fog applications. The material is provided as a free-flowing powder for use in applications where a liquid additive cannot be accommodated.

Please consult the following page for additional FDA information.

Components of Chemstat® AF-687/60DCHF have US-Food and Drug Administration (US-FDA) approvals as listed at a) 21C.F.R. §178.3130, Antistatic and/or anti-fogging agents in food-packaging materials, for use as 1) an antistatic agent in polyolefin food contact films; 2) an antistatic agent in molded or extruded polyethylene food contact containers; 3) an antistatic in food-contact surface in vinylidene chloride copolymer coatings complying with §175.320, §177.1200, or §177.1630 of this chapter; and b) 21C.F.R. §182.90 where the carrier is GRAS.

Usage levels not to exceed 0.166% by weight for polyolefin food contact films; usage levels not to exceed 0.25% by weight for molded or extruded polyethylene food contact containers that contact food only of the types identified in §176.170(c) of this chapter, table 1, under Types I, IV-B, VI-B, VII-B, and VIII, under the conditions of use E through G described in table 2 of § 176.170(c) of this chapter provided such foods have a pH above 5.0. In vinylidene chloride copolymer coating, levels are not to exceed 0.10 mg per square inch, provided that such coatings contact food only of the types identified in §176.170(c) of this chapter, Table 1, under Types I, IV, VII, VIII, and IX under the conditions of use E through G described in table 2 of Sec. 176.170(c) of this chapter. The finished copolymers shall contain at least 70 weight pct of polymer units derived from vinylidene chloride; and shall contain not more than 5 weight pct of total polymer units derived from acrylamide, acrylic acid, fumaric acid, itaconic acid, methacrylic acid, octadecyl ethacrylate, and vinyl sulfonic acid. Cites should be consulted for applicability to the intended usage.

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