

Chemstat® 1280/60DCHF

CHEMICAL NAME	Ester Blend on Silica
CAS NUMBER	Mixture
FUNCTION	Antifog, Antistat
TECHNICAL REQUIREMENTS	Appearance at 25°C.....Off White to Light Yellow Powder Activity, %58.0 – 62.0
GENERAL DATA	Specific Gravity @ 25°C..... 0.35 Aqueous Solubility.....Dispersible pH (2% aqueous)..... 7.6 Typical

APPLICATION

Chemstat® 1280 was developed for use in polyolefin systems needing an effective fast blooming antifogging additive that may be used in indirect food contact situations. Chemstat 1280/60DCHF is an easy flowing powder containing 60% by weight of Chemstat 1280 on a silica carrier. The product performs well in both hot and cold fog applications. Chemstat® 1280/60DCHF also provides antistatic protection for polyolefins. The product contains no phenol derivatives or amine based compounds

FDA cites on the following page should be consulted for applicability to the intended usage.

Revision Date: 02.09.2021

Chemstat® 1280/60DCHF

FDA Information

Components of Chemstat® 1280/60DCHF are cleared for use by the US-Food and Drug Administration (US-FDA) a) as an antifog and antistatic agent in accordance with the Agency's determinations under 21 C.F.R. §170.39, Threshold of regulation for substances used in food-contact articles, 96-007 98-005, and 98-021 as follows:

1) As an adjuvant (antifogging agent, antistatic agent) in polypropylene films, as regulated at 21 C.F.R. §177.152, having a maximum thickness of 100 um in contact with all types of food under Conditions of use A through H (Table 2, 21 C.F.R. §176.170); 2) As an antifog in all types of films at a maximum level of 2.3 mg/in²; 3) As an antifog in polyolefin films complying with 21 C.F.R. §177.1520 at a maximum use level of 2.53 mg/in²; b) 21 C.F.R. §184.1505, Mono- and diglycerides; where the substance is generally recognized as safe (GRAS); and c) 21C.F.R. §182.90 where the carrier is GRAS.