

Chemstat® LD-100/60DCHF

CHEMICAL NAME Lauric Diethanolamide on Silica

CAS NUMBER 120-40-1

FUNCTION Antistatic Agent

TECHNICAL REQUIREMENTS Activity, %58 – 62
Amine Value 10 Typical

GENERAL DATA Appearance @ 25°CWhite to Off White Powder
Active Antistat, % (Chemstat LD-100) 60
Aqueous SolubilityDispersible
Classification.....Nonionic

APPLICATION Chemstat®LD-100/60DCHF is an easy-to-handle powder version of Chemstat®LD-100. This product is an internal antistatic agent for use in thermoplastic films, sheets, and molded products. It is recommended for use in LLDPE, LDPE, HDPE and Polypropylene. Chemstat LD-100/60DC should be used as an antistat when relative humidity conditions of <40% are present.

REVISION DATE: 09.09.2021

FDA Information

Components of Chemstat®LD-100/60DCHF have US-Food and Drug Administration (US-FDA) approvals at a) 21 C.F.R. §178.3130, *Antistatic and/or antifogging agents in food-packaging materials*, for use as 1) an antistatic agent for molded or extruded polyethylene containers, 2) as an antistatic agent in polypropylene films complying with §177.1520 of this chapter; b) 21 C.F.R. §182.90 where the carrier is Generally Recognized as Safe (GRAS).

Usage in molded or extruded polyethylene containers is not to exceed 0.83% by weight and is intended for contact with honey, chocolate syrup, liquid sweeteners, condiments, flavor extracts, and liquid flavor concentrates, grated cheese, light and heavy cream yogurt, and foods of Type VIII as described in Table 1 of §176.170(c) of this chapter; and usage in polypropylene films is not to exceed 0.33% weight and is used in contact with food of Types I, II, III, IV, V VI-B, VII, VIII and described in table 2 of §176.10(c) of this chapter. The average thickness of such polypropylene film shall not exceed 0.001 inch (30 micrometers).

Cites should be consulted for applicability to intended usage.

Revision Date: 15.05.17