



Achieve® DA1097/DA1085

enhanced efficacy antiperspirant actives



ALUMINUM CHLOROHYDRATE POWDER, USP

CAS# 12042-91-0 EINECS# 234-933-1

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SPECIFICATIONS

DA1097 ■ Particle Size: (% thru 325 mesh/44 micron) 97% minimum
(% thru 140 mesh/105 micron) 100.0%

DA1085 ■ Particle Size: (% < 10 micron) 85% minimum

■ pH VALUE (15% w/w): 4.0 - 4.4

■ Color: White/Off-White

■ Form: Impalpable

■ Aluminum (Al): 24.5 - 26.0%

■ Chloride (Cl): 16.0 - 17.5%

■ Al :Cl atomic ratio: 1.9 : 1 - 2.1 : 1

■ Iron (Fe): 100 ppm maximum

■ Arsenic (As₂O₃): 2 ppm maximum

■ Lead (Pb): 20 ppm maximum

■ Sulfate (SO₄): 0.05% maximum

ACHIEVE DA1097 MICRO POWDER & DA1085 ULTRA FINE POWDER

ACHIEVE DA1097 MICRO POWDER & DA1085 ULTRA FINE POWDER represent two different particle size grades for enhanced Aluminum Chlorohydrate powder. Controlled polymer distribution in this active yields the highest possible efficacy achievable from Aluminum Chlorohydrate salt.

BENEFITS

ACHIEVE DA1097 MICRO POWDER & DA1085 ULTRA FINE POWDER are actives that offer significantly better efficacy than conventional ACH powder in the formulation.

USES

ACHIEVE DA1097 MICRO POWDER & DA1085 ULTRA FINE POWDER are both known as enhanced Aluminum Chlorohydrate powders. It is Category I active as per monograph and allows 25% maximum in the formulation on anhydrous basis. This product is intended for use by antiperspirant manufacturers.

STORAGE AND HANDLING

ACHIEVE DA1097 MICRO POWDER & DA1085 ULTRA FINE POWDER should be kept in sealed containers when not in use.

Although there is no evidence of prolonged adverse effects to those handling the powder, some may be subject to dry skin and/or eyes and may cause some irritation. Personal Protective Equipment is recommended. If powder makes contact with eyes, flush with water for 15 minutes or if contact is made to skin, flush with water and wash with soap. It is recommended to seek medical attention if the powder is ingested or has made contact with eyes.

PACKAGING

ACHIEVE DA1097 MICRO POWDER & DA1085 ULTRA FINE POWDER can be supplied in small sacks (25 KG), fiber drums (25 KG, 50 KG, 100 KG, 136 KG, and 150 KG), and supersacks (500 - 750 KG).

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