

TECHNICAL DATA SHEET

REACH 103

Enhanced efficacy Aluminum Chlorohydrate impalpable powder

GENERAL INFORMATION

REACH 103 is a high performance enhanced efficacy active ingredient recommended for use in anhydrous suspension aerosols.

REACH 103 provides improved sweat protection compared to conventional ACH.

INCI NAME

Aluminum Chlorohydrate

INCORPORATION

- Avoid anionic surfactants.
- Avoid self-emulsifying grades of emulsifiers.
- Avoid strong bases.
- Recommended pH range of final product is 3.5-4.5.
- Can be used in all product forms.

CHEMICAL & PHYSICAL PROPERTIES

% Aluminium	24.3 – 25.7
% Chloride	15.8 – 17.5
Appearance	White to slightly yellow powder
Odour	Characteristic
Al:Cl Molar Ratio	1.91:1 – 2.10:1
pH (15% aqueous)	3.0 – 5.0
% Anhydrous	72 – 88
Iron (PPM)	125 maximum
Elemental Impurities	Passes USP

These are typical properties not to be used for specification purposes.

LEVEL OF USE

25% maximum on an anhydrous active basis.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

REACH 103 should be kept in sealed containers when not in use as it readily absorbs moisture. The product will slowly corrode iron, brass, copper, aluminum and mild steel.

SHELF LIFE

REACH 103 has a shelf life of minimum 3 (three) years from date of manufacture.

QUALITY ASSURANCE

All of the Elementis antiperspirant manufacturing facilities are FDA registered, cGMP/ICH compliant and audited regularly.

APPLICATIONS

- Anhydrous suspension aerosols

KEY PROPRIETIES

- Reduction of perspiration from underarms, hands, feet.
- Reduction of underarm odour (deodorancy).
- Antimicrobial against gm (+) micro-organisms.

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