

REACH 301

Aluminum Sesquichlorohydrate Impalpable Powder

GENERAL INFORMATION

REACH 301 is an aerosol grade aluminum sesquichlorohydrate.

REACH 301 has a lower molecular weight and Al:Cl molar ratio than standard ACH making it more appropriate for diffusing into the deeper situated sweat glands on the feet.

INCI NAME

Aluminum Sesquichlorohydrate

CHEMICAL & PHYSICAL PROPERTIES

% Aluminum	23.5 - 25.5
% Chloride	18.5 - 21.0
Appearance	White to yellow powder
Odor	Characteristic
Al:Cl Molar Ratio	1.50:1 - 1.80:1
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

APPLICATIONS

- Anhydrous suspension aerosols

KEY PROPERTIES

- Reduction of perspiration from underarms, hands, feet.
- Reduction of underarm odor (deodorancy).

- Antimicrobial against gm (+) micro-organisms.

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.

LEVELS 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 301 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 301 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.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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