

TECHNICAL DATA SHEET

AACH-7172

Enhanced efficacy aluminium chlorohydrate beads

GENERAL INFORMATION

AACH-7172 is our most effective enhanced efficacy aluminium chlorohydrate powder in spherical particle shape for use in anhydrous suspension aerosols.

AACH-7172 provides superior protection against wetness and odour in anhydrous antiperspirant aerosols, and also contributes to reduced visible white residue. Normal application will provide a minimum of 24 hours wetness and odour protection.

INCI NAME

Aluminum Chlorohydrate

CHEMICAL & PHYSICAL PROPERTIES

% Aluminium	25.4 – 26.4
% Chloride	16.4 – 17.4
Appearance	White to slightly yellow beads
Odour	Characteristic
Al:Cl Molar Ratio	1.91:1 – 2.10:1
pH (15% aqueous)	3.9 – 4.5
% Anhydrous	77 – 93
Iron (PPM)	120 maximum
Elemental Impurities	Passes USP

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

APPLICATIONS

- Anhydrous suspension aerosols
- Powder roll-ons

LEVEL OF USE

25% maximum on an anhydrous active basis.

SHELF LIFE

AACH-7172 has a shelf life of minimum 3 (three) years from date of manufacture.

KEY PROPRIETIES

- Reduction of perspiration from underarms, hands, feet.
- Reduction of underarm odour (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 3.9 -4.5
- Can be used in all product forms.

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

AACH-7172 should be kept in sealed containers when not in use as it readily absorbs moisture. The product will slowly corrode iron, brass, copper, aluminium and mild steel.

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.

© Copyright 2025, Elementis Specialties, Inc. All rights reserved. Copying and/or downloading of this document or information therein for republication is not allowed unless prior written agreement is obtained from Elementis Specialties, Inc.

® Registered trademark of Elementis Specialties, Inc