

# AACH-7171

## Enhanced Efficacy Aluminum Chlorohydrate Impalpable Powder

### GENERAL INFORMATION

**AACH-7171** is our most effective enhanced efficacy aluminum chlorohydrate powder for use in anhydrous suspension aerosols.

**AACH-7171** provides superior protection against wetness and odor in anhydrous antiperspirant aerosols. Normal application will provide a minimum of 24 hours wetness and odor protection.

### INCI NAME

Aluminum Chlorohydrate

### CHEMICAL & PHYSICAL PROPERTIES

% Aluminum	25.5 - 26.4
% Chloride	16.3 - 17.9
Appearance	White to slightly yellow powder
Odor	Characteristic
Al:Cl Molar Ratio	1.91:1 - 2.10:1
pH (15% aqueous)	4.0 - 4.5
% Anhydrous	77 - 93
Iron (PPM)	100 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 4.0 - 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

**AACH-7171** 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

**AACH-7171** 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.

© Copyright 2018, 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.

© Trademark of Elementis SRL, Inc.

May 2018

#### North America

Elementis  
469 Old Trenton Road  
East Windsor, NJ 08512, USA  
Tel.: +1 609 443 2500  
Fax: +1 609 443 2422

#### Europe

Elementis UK Ltd.  
c/o Elementis GmbH  
Stolberger Strasse 370  
50933 Cologne, Germany  
Tel.: +49 221 2923 2066  
Fax: +49 221 2923 2011

#### Asia

Deuchem (Shanghai) Chemical Co., Ltd.  
99, Lianyang Road  
Songjiang Industrial Zone  
Shanghai, China 201613  
Tel.: +86 21 5774 0348  
Fax: +86 21 5774 3563