

TECHNICAL DATA SHEET

AAZG-3108

Aluminum Zirconium Pentachlorohydrate Gly Superfine Powder

GENERAL INFORMATION

AAZG-3108 is an Aluminum Zirconium Pentachlorohydrate Gly active ingredient for use in anhydrous suspension sticks, soft solids, roll-ons, and creams.

AAZG-3108 may be used in other formulations at the customer's discretion. Please contact your Elementis representative for further information and assistance.

INCI NAME

Aluminum Zirconium Pentachlorohydrate Gly

CHEMICAL & PHYSICAL PROPERTIES

Appearance	Off white to yellow powder
Odour	Characteristic
% Aluminium	19.5 – 21.5
% Chloride	17.5 – 20.0
% Anhydrous	77.4 – 85.6
Met:Cl Molar Ratio	1.52:1 – 1.65:1
Iron (PPM)	150 maximum
Elemental Impurities	Passes USP

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

APPLICATIONS

- Anhydrous suspension sticks
- Anhydrous suspension roll-ons
- Anhydrous soft solids and creams

KEY PROPERTIES

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

LEVEL OF USE

20% maximum on an anhydrous active basis.

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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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.

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

AAZG-3108 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.

SHELF LIFE

AAZG-3108 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.