

TECHNICAL DATA SHEET

AAZG-7165

Enhanced Efficacy Aluminum Zirconium Trichlorohydrate Glycine Superfine Powder

GENERAL INFORMATION

AAZG-7165 is a high performance, enhanced efficacy active ingredient intended for use in anhydrous suspension sticks, roll-ons and creams.

INCI NAME

Aluminum Zirconium Trichlorohydrate Gly

CHEMICAL & PHYSICAL PROPERTIES

% Aluminium	16.8 – 18.8
% Chloride	15.0 – 17.0
% Zirconium	10.0 – 11.3
Al:Zr Molar Ratio	2.0:1 - 5.99:1
Metals:Cl Molar Ratio	1.51:1 – 2.10:1
pH (15% aqueous)	3.0 – 4.0
% Anhydrous	72 – 88
Iron (PPM)	150 maximum
Elemental Impurities	Passes USP

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

APPLICATIONS

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

KEY PROPRIETIES

- 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.

INCORPORATION

- Avoid anionic surfactants.
- Avoid self-emulsifying grades of emulsifiers.
- Avoid strong bases.
- Recommended pH range of final product is 3.5 -4.5
- Cannot be used in aerosols.

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-7165 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-7165 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.

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