

TECHNICAL DATA SHEET

ULTRA ZAG A77

Enhanced efficacy Aluminum Zirconium Tetrachlorohydrate Glycine superfine powder

GENERAL INFORMATION

ULTRA ZAG A77 is the highest performing aluminium zirconium tetrachlorohydrate glycine active. It will support 48 hour protection claims.

ULTRA ZAG A77 is designed for use in anhydrous suspension sticks, roll-ons, and soft solids.

INCI NAME

Aluminum Zirconium Tetrachlorohydrate Gly

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.

CHEMICAL & PHYSICAL PROPERTIES

% Aluminium	12.7 – 15.0
% Zirconium	12.7 – 14.3
% Chloride	19.0 – 21.0
Al:Zr Molar Ratio	3.2:1 – 4.0:1
Metals:Cl Molar Ratio	1.10:1 – 1.25:1
pH (15% aqueous)	3.0 – 5.0
% Anhydrous	70 – 80
Iron (PPM)	100 maximum
Elemental Impurities	Passes USP

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

LEVEL OF USE

20% 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

ULTRA ZAG A77 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

ULTRA ZAG A77 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.

APPLICATIONS

- Anhydrous suspension sticks
- Anhydrous suspension roll-ons
- Soft solids

KEY PROPRIETIES

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

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