

TECHNICAL DATA SHEET

AAZG-3109

Aluminum Zirconium Octachlorohydrate-Gly, USP solution and Calcium Chloride

GENERAL INFORMATION

AAZG-3109 is a chemically activated aqueous solution of aluminium zirconium octachlorohydrate glycine. It contains optimum levels sweat effective aluminium species (Band 3 / Peak 4) . The active has been effective in providing long lasting odour and wetness protection.

AAZG-3109 is specially designed for use in roll-ons as well as aqueous creams and gels.

AAZG-3109 can be used to support clinical / professional strength positioning.

INCI NAME

Aluminum Zirconium Octachlorohydrate-Gly,
Calcium Chloride

CHEMICAL & PHYSICAL PROPERTIES

Appearance	Clear solution
Odour	Characteristic
pH (15% aqueous)	3.0 – 5.0
Iron (PPM)	75 maximum
% Anhydrous	30
Elemental Impurities	Passes USP

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

APPLICATIONS

- Aqueous emulsion and clear roll-ons
- Aqueous creams
- Aqueous clear gels
- Hydro-alcoholic, aqueous and clear pump sprays

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.

© 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

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-3109 should be kept in sealed containers when not in use. It should be protected from temperatures in excess of 48°C (120°F). The product will freeze at -6°C (21°F). If subjected to freezing it will, upon thawing, easily reconstitute with no alteration of activity or compatibility. The product will slowly corrode iron, brass, copper, aluminium and mild steel.

SHELF LIFE

AAZG-3109 has a shelf life of minimum 1 (one) years from date of manufacture.

QUALITY ASSURANCE

All of the Elementis antiperspirant manufacturing facilities are FDA registered, cGMP/ICH compliant and audited regularly.