

# REACH AZO-956 G

## Aluminum Zirconium Octachlorohydrate Glycine Solution

### GENERAL INFORMATION

**REACH AZO-956 G** is an economical and high performing solution of aluminum zirconium octachlorohydrate glycine with a low Metals:Cl mole ratio and low Zr content. Better fragrance compatibility (reduced/lighter discoloration) is also possible.

**REACH AZO-956 G** can be used to support a clinical/professional strength positioning.

**REACH AZO-956 G** is ideally suited for use in emulsion, aqueous and clear roll-ons as well as aqueous creams and clear gels.

### INCI NAME

Aluminum Zirconium Octachlorohydrate Gly

### CHEMICAL & PHYSICAL PROPERTIES

% Aluminum	7.5 - 8.5
% Zirconium	2.6 - 3.3
% Chloride	9.0 - 11.0
Al:Zr Molar Ratio	8.0:1 - 10.0:1
Metals:Cl Molar Ratio	1.1:1 - 1.2:1
pH (15% aqueous)	3.0 - 5.0
% Anhydrous	30 - 37
Iron (PPM)	50 maximum
Elemental Impurities	Passes USP

These are typical properties not to be used for specification purposes

### APPLICATIONS

- Emulsion roll-ons
- Emulsion creams
- Clear gels

### 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 3.5-4.5.
- Cannot be used in aerosols.

### LEVELS 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

**REACH AZO-956 G** should be kept in sealed containers when not in use.

**REACH AZO-956 G** should be protected from temperatures in excess of 48°C (120°F). The product freezes at -6°C (21°F). If the solution freezes it will, upon thawing, easily reconstitute with no alteration of activity or compatibility.

### SHELF LIFE

**REACH AZO-956 G** has a shelf life of minimum 2 (two) 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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