

TECHNICAL DATA SHEET

REZAL 67

Aluminum Zirconium Pentachlorohydrate concentrated solution

GENERAL INFORMATION

REZAL 67 is an aluminum zirconium active that provides better sweat reduction than Al-only actives, .

REZAL 67 is ideally suited for use in emulsion, aqueous, hydro-alcoholic and clear roll-ons as well as clear gels and aqueous creams.

INCI NAME

Aluminum Zirconium Pentachlorohydrate

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.

CHEMICAL & PHYSICAL PROPERTIES

% Aluminium	7.6 – 8.4
% Zirconium	3.7 – 4.3
% Chloride	6.5 – 7.5
Al:Zr Atomic Ratio	6.2 – 7.2
Total Metals:Cl Ratio	1.6 – 1.95
pH (30% solids, aqueous)	3.5 – 5.0
% Active	30 – 37
Iron (PPM)	75 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

REZAL 67 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 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

REZAL 67 has a shelf life of minimum 12 (twelve) months from date of manufacture.

QUALITY ASSURANCE

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

APPLICATIONS

- Emulsion roll-ons
- Hydro-alcoholic roll-ons
- Emulsion creams
- Clear gels

KEY PROPRIETIES

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

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