

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

CHEMICAL & PHYSICAL PROPERTIES

% Aluminum	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	30.0 - 37.0
Iron (PPM)	75 maximum
Elemental Impurities	Passes USP

These are typical properties not to be used for specification purposes

APPLICATIONS

- Emulsion roll-ons
- Hydro-alcoholic 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

REZAL 67 should be kept in sealed containers when not in use.

REZAL 67 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.

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.

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