

TECHNICAL DATA SHEET

MICRO-DRY 691

Aluminum Chlorohydrate superfine powder

GENERAL INFORMATION

MICRO-DRY 691 has a very low particle size which provides homogeneity of the active in anhydrous suspension systems along with a smooth, non-gritty payoff.

MICRO-DRY 691 is primarily used in anhydrous suspension sticks, and can be used in suspension roll-ons and soft solids.

INCI NAME

Aluminum Chlorohydrate

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	24.3 – 25.4
% Chloride	15.8 – 16.8
Appearance	White to off-white powder
Odour	Characteristic
Al:Cl Molar Ratio	1.91:1 – 2.10:1
pH (15% aqueous)	3.0 – 5.0
% Anhydrous	72 – 88
Iron (PPM)	150 maximum
Elemental Impurities	Passes USP

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

LEVEL OF USE

25% 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

MICRO-DRY 691 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

MICRO-DRY 691 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 aerosols
- Anhydrous suspension roll-ons
- Anhydrous 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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