



AviChlorex-A (Chlorhexidine Diacetate)

AviChlorex – A is the acetate salt of chlorhexidine. It is a disinfectant applied for bacterial control in hospital, agricultural and domestic environments. It has a role as an antibacterial agent, an anti-infective agent, an antifungal agent, and an antifouling biocide.

General Info :

CAS Number	Molecular Formula	Molecular Weight
56-95-1	$C_{26}H_{38}Cl_2N_{10}O_4$	625.5 gm/mol

Sales Specification :

AviChlorex-A (Chlorhexidine Diacetate)

Parameter	AviChlorex-A Specification
Appearance	A white to off white powder.
Solubility	Solubility in water: 19g/L (20°C). Other solubilities: soluble in alcohol, glycerol, propylene glycol and, polyethylene glycols
Identification By IR.	The IR spectrum complies with the IR spectrum of reference standard of chlorhexidine Diacetate
Residue on ignition	Not more than 0.15%
p-Chloroaniline	NMT 200 ppm
Total Impurities	NMT 3%
Loss on drying	Not more than 3.50%
Assay (On dried basis)	Not less than 98.0% and not more than 101.0%.



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Market Applications :

- It is used as preservative for cosmetic products like hair colour, hair shampoo, hair conditioner.
- Used in antiseptic skin care applications like cleaning wounds.
- Used in treating ulcers and dental plaque.
- It is a disinfectant used to control bacteria in hospital, domestic environment & agriculture.