

AviChlorhex-G

Chlorhexidine Digluconate



Advanced Antiseptic Solution for Trusted Infection Control.

AviChlorhex-G stands as a leading-edge solution in antiseptic technology, offering superior protection and broad-spectrum efficacy across various applications. Recognized for its potent antimicrobial properties, Chlorhexidine Digluconate is essential to infection control protocols. From healthcare to veterinary practices and industrial applications, AviChlorhex-G consistently delivers high performance, setting a benchmark for safety and reliability in the market.

The Aid Organics Advantage

- FSSC-22000, ISO-14000, and ISO-45000, SMETA accredited facility.
- Kosher, Halal, FSSAI, and FDA-certified food & feed products/ingredients.
- All operations powered by 100% renewable electricity by 2025.
- Pledged to achieve zero actual carbon emissions by 2040.
- Strictly committed to zero animal testing.
- In-house R&D that delivers customized, eco-friendly solutions to meet evolving industry needs.
- State-of-the-Art infrastructure facility.

AviChlorhex-G is manufactured under stringent quality control systems, ensuring every batch meets the highest global standards, including BP, USP, EP, and IP specifications. Our state-of-the-art production facilities guarantee consistency, purity, and safety across all product grades.

Market Applications of AviChlorhex-G

1. Pharmaceutical Industry

- Oral care products prevent infections.
- Surgical prep ensures sterilization.

2. Healthcare & Hospitals

- Disinfects surfaces and equipment.
- Disinfects catheter sites.
- Hand sanitizers provide antimicrobial action.

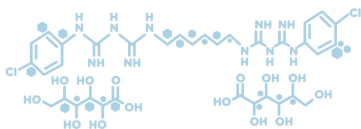
3. Veterinary Medicine

- Preps skin for surgeries.
- Cleans and disinfects animal wounds.

4. Personal Care & Hygiene Products

- Soaps and washes offer protection.
- Skincare products disinfect skin.

Technical Specifications



CAS Number: 18472-51-0

Molecular Formula: $C_{34}H_{54}Cl_2N_{10}O_{14}$

Molecular Weight: 897.8 gm/mol

Parameter	AviChlorhex-G Specification
Appearance	Colourless or pale yellow liquid.
Solubility in water	Miscible.
Identification By IR	IR spectrum of the test sample should be concordant with that of Chlorhexidine Diacetate working standard.
Relative Density	1.06 -1.07
pH (5% v/v Solution)	5.5 to 7.0
Loss on drying	Maximum 1.0 % w/w
Sulphated Ash	Maximum 1.0 % w/w
Related substance	
Chlorhexidine oxazinone analogue	NMT 0.2%
Specified unidentified impurity	NMT 0.2%
Chlorhexidine amine	NMT 0.3%
Chlorhexidine guanidine	NMT 0.1%
Chlorhexidine urea	NMT 0.2%
p-Chlorophenyl urea	NMT 0.2%

