

Product Name:	Chlorhexidine diacetate salt
Product Number:	C200
CAS Number:	56-95-1
Molecular Formula:	$C_{22}H_{30}Cl_2N_{10} \cdot 2C_2H_4O_2$
Molecular Weight:	625.55
Appearance:	White or almost white crystalline powder
Storage Conditions:	$\leq 30^{\circ}C$
Description:	<p>Chlorhexidine diacetate salt is an antiseptic antibacterial agent commonly used as a disinfectant in eye drops, deodorants, creams, and others. Chlorhexidine is also used as an active ingredient in mouthwash to prevent and control dental plaque.</p> <p>This product is considered a dangerous good. Quantities above 1 g may be subject to additional shipping fees. Please contact us for specific questions.</p>
Mechanism of Action:	Chlorhexidine diacetate is a cationic molecule which interacts with and alters the negatively charged bacterial cell wall. This interaction leads to leakage of cellular components at low concentrations and cellular lysis at higher concentrations.
Spectrum:	Chlorhexidine diacetate has a broad spectrum of activity and is active against Gram-positive and Gram-negative bacteria as well as yeasts and some viruses.
References:	Jones, Christopher G. "Chlorhexidine: Is It Still the Gold Standard." Periodontology 15 (1997): 55-62.