



## Technical Data Sheet

### Chlorhexidine Digluconate

**(CAS NO.:18472-51-0)**



#### Product Description

- Odourless
- Soluble in water, ethanol or acetone

#### Specification

items	index
A:IR Spectrum	To match with reference standard
B:By TLC	To match with reference standard
C:Chlorhexidine Mp	Chlorhexidine MP 132°C-136°C
D:Bromine R test	Positive reaction
Relative density	5.5-7.0
Chloroaniline %	0.25 max
Related Substances(Examine by HPLC)	Not more than 3.0%
Assay	Chlorhexidine gluconate solution contain not less 190g/l and not more than 210g/l of 1,1-(hexane-diyl)bis[5-(4-chlorophenyl)biguanide]di-D-gluconate



## Usage

- It used in tooth surfaces, dental plaque, and oral mucosa; sustained reduction of plaque organisms;
- It also used as a rinse as a part of treatment of periodontal disease, irrigation during periodontal procedures,and possibly as an aseptic prerinse before dental procedures.

## Packing and Storage

Item	Packing	Quantity/FCL	N.W./FCL	G.W./FCL
99%	25Kgs/drum	360Drums	9.00MT	9.90MT

- Keep container dry. Keep in a cool place. Ground all equipment containing material.
- Keep container tightly closed.
- Keep in a cool, well-ventilated place.
- Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

## Transport Information

**DOT Classification:**Not a DOT controlled material

**Identification:** : Not applicable.

**Special Provisions for Transport:**Not applicable.

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