

TECHNICAL DATA SHEET

ALGCare - CHA

(Chlorhexidine (Di)acetate)

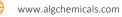
CAS No.	MOLECULAR WEIGHT	MOLECULAR FORMULA	MANUFACTURER
56-95-1	625.6 g/mol	$C_{22}H_{30}Cl_2N_{10}.2C_2H_4O_2$	ALG CHEMICALS

CHARACTERISTICS:	White or almost white crystalline powder, sparingly soluble in water, soluble in alcohol
	slightly soluble in glycerol and in propylene glycol

Sr. No.	Tests	Specification
1	Appearance	A white or almost white crystalline powder.
2	Solubility	Very slightly soluble in water, slightly soluble in propylene glycol, very slightly soluble in ethanol (96 %)
3	Identification	Tests A,C or B,C Positive.
4	Chloroaniline (Impurity P)	Maximum 300 PPM
5	Related substances	Total Impurity NMT 1.0 %
	Impurity H	NMT 0.5%
	Impurity K	NMT 0.4%
	Impurities I+O	NMT 0.4%
	Impurity A	NMT 0.15%
	Impurity N	NMT 0.15%
	Unspecified impurities	NMT 0.10%
6	Loss on drying	Maximum 1.0%, determined on 1g by drying in an oven at 105°C
7	Sulphated ash	Maximum 0.1%, determined on 1g.
8	Assay (On dried basis)	Chlorhexidine Hydrochloride contains not less than 98.0% and not more than the equivalent of 101.0% of C22 H30 Cl2 N10, 2 HCl











PACKAGING:	25 kg HDPE Drums
	Other sizes available upon request.

SHELF LIFE	3 years from date of manufacturing
STORAGE CONDITIONS	Stores at controlled room temperature (25-30°
	C)
	Keep the packing tightly closed
	Keep the packing away from direct sunlight.

TRANSPORT REGULATIONS:	Classified as hazardous substance according to transport regulations (class 9 ,UN 3077)
APPLICATIONS	a) Preservative for cosmetics:
	Hair shampoo
	Hair color
	Hair conditioner
	b) OTC Application
	Oral Rinse for Treating Sore gums &
	ulcers
	c) Antiseptic Skin care Applications







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