



CC6

Electrolized Deoxidized and Ionized Water Gel

Patent pending

CC6 is a non-toxic ion water gel generated using reducing ionized water electrolyzed in a special way.

CC6 features

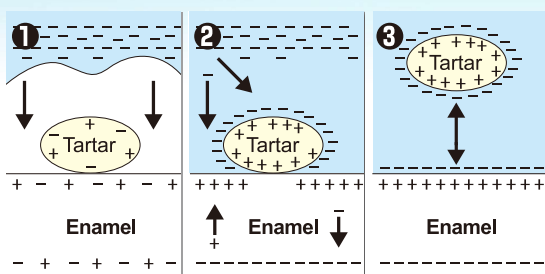
- ◆ Safe because no hazardous ingredients, such as preservatives, have been included.
- ◆ This sister product of S-100 has the equivalent antibacterial power and detergent power.
- ◆ Has high permeability, moisturizing power, and dispersive power.
- ◆ Has various beneficial effects including sterilization, corrosion prevention, deodorant, and preservation.

CC6 applications

- ◆ Materials for cosmetics, such as milky lotion, moisturizing cream, cleansing agent.
- ◆ Materials for toothpaste.
- ◆ Medical lubricant base materials.
- ◆ Pharmaceutical research base materials for topical and internal use medicines.
- ◆ Materials for foods including health foods.

When used as toothpaste

Principle of cleaning (stripping) function

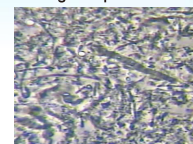


2 The work force in ionic interactions between molecules makes negative ions to be more attracted to the surface of the tartar which has been positively ionized, and at the same time makes the surface of the enamel to be covered by negative ions.

3 The tartar and enamel surfaces are pushed away from each other due to repulsion of the same charge (minuses), resulting in stripping effect.

Bactericidal effect against periodontal bacteria

Microscopic image of a patient suffering from periodontal disease



Sample image before use (P-Heck phase microscope P-Scope PRO used)



Sample image after use (P-Heck phase microscope P-Scope PRO used)

Use conditions ① Drop 1g on the toothbrush, and brush for approximately 2 minutes.
② Rinse with approximately 20ml of tap water, twice.

Bactericidal effect of S-100 and CC-6 against P. gingivalis

	Control (0.3%NaCl aq)					S-100					Control (0.3%NaCl ap-1%MC)					CC-6				
	0sec	15sec	30sec	1min	15sec	30sec	1min	0sec	15sec	30sec	1min	15sec	30sec	1min	15sec	30sec	1min			
Cobycoung(CFU) (1cm ²)	43	78	33	57	-	-	-	40	28	45	24	-	-	-	-	-	-			
Petri dish(CFU) (56.72cm ²)	2439	4424	1872	3233	0	0	0	2269	1588	2552	1361	0	0	0	0	0	0			
*1GAM Bouillon (CFU/mL)	24390	44242	18718	32330	0	0	0	22688	15882	25524	13613	0	0	0	0	0	0			
*2: (CFU/mL)	2.4×10 ⁶	4.4×10 ⁶	1.9×10 ⁶	3.2×10 ⁶	0	0	0	2.3×10 ⁶	1.6×10 ⁶	2.6×10 ⁶	1.4×10 ⁶	0	0	0	0	0	0			

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