

SPECIFICATION OF SODIUM CARBOXYMETHYL CELLULOSE**Commodity Name: Sodium Carboxymethyl Cellulose****CAS No.: 【9004-32-4】****Synonyms:** Carboxymethyl Cellulose, CMC, Sodium CMC, Na-CMC, Cellulose Gum.**HS Code:** 39123100**Application:** Detergent Industry**Description:**

DECARE[®] CMC is the basic ingredient of powder detergent, especially non-phosphorus powder. It has the characteristics of a colloid, it can effectively prevent contamination of laundry washed with synthetic detergents. It can stabilize the foam and protect the skin.

In the Detergent Industry, **DECARE[®] CMC** can be used in liquid and paste detergents as a stabilizing and thickening agent. CMC, an anionic compound, acts by like-charge repulsion and negative ion accumulation to reduce fouling, making it an ideal product for preventing staining in laundered clothes. CMC also acts as a plasticizer and adhesive in soap.

Mostly Popular Specifications for Detergent Industry

Items Product type	Appearance	Viscosity of 2% solution, mPa.s(25°C, Brookfield)	Degree of Substitution (D.S)	Purity, %	pH, (25°C, 1% solution)	Loss on drying(H ₂ O), %
DECAREM 5	White or off-white Powder	5-40	0.5-0.7	≥55	8.0-11.5	≤8.0
DECAREM 10		10-15	0.5-0.7	≥60	8.0-11.5	
DECAREM 40		40-100	0.5-0.7	≥70	8.0-11.5	
DECAREM 100		100-200	0.5-0.7	≥75	8.0-11.5	
DECAREP 150		150-450	0.5-0.7	≥72	8.0-11.5	
DECAREP 900		900-1500	0.5-0.7	≥60	8.0-11.5	
DECAREP 2		2000-3000	0.7-0.85	≥96	6.0-8.5	
DECAREP 6		6000-8000	0.8-0.9	≥98	6.0-8.5	
DECAREP 9		9000-12000	0.7-0.8	≥72	8.0-11.5	

Packing and Storage:**Packing:** 25kg kraft paper bag with PE inner, or other packing as clients request.**Storage:**

- 1.Store in a cool, dry, clean environment with good ventilation. Max temperature 40°C, relative humidity ≤80%.
- 2.Pharmaceutical and food grade CMC should be kept separate from toxic or harmful substances and strong odors during transportation and storage.
- 3.From the date of production, industrial grade CMC can be preserved for 4 years. Food and pharmaceutical grade CMC can be preserved for 2 years. The product should not be used after the expiration date.
- 4.Do not allow the product to get wet or the packaging to get damaged during transportation.