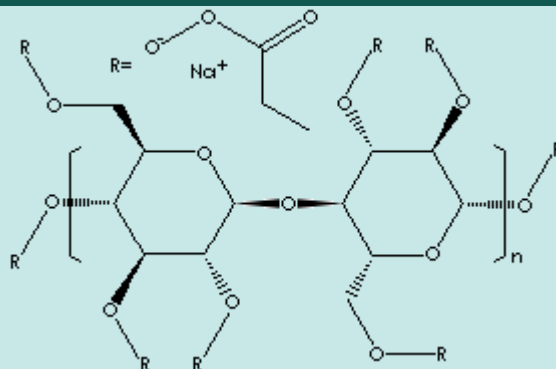


# CARBOXYMETHYL CELLULOSE SODIUM SALT

## PRODUCT IDENTIFICATION

CAS NO.	9004-32-4
EINECS NO.	
FORMULA	$C_6H_9OCH_2COONa$
MOL WT.	
H.S. CODE	3912.31
TOXICITY	Oral rat LD50: > 2000mg/kg
CLASSIFICATION	
SYNONYMS	CM-Cellulose sodium salt;



Cellulose glycolic acid, sodium salt; Cellulose sodium glycolate; Cellulose, carboxymethyl ether, sodium salt; Sodium carboxmethylcellulose;

DERIVATION cellulose fiber with sodium hydroxide and chloroacetic acid

## PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	free flowing white to off-white powder
MELTING POINT	
BOILING POINT	
SPECIFIC GRAVITY	1.59
SOLUBILITY IN WATER	soluble
pH	7 - 10 (1% sol.)
VAPOR DENSITY	
AUTOIGNITION	> 300 C
NFPA RATINGS	Health: 1; Flammability: 3; Reactivity: 0
REFRACTIVE INDEX	
FLASH POINT	
STABILITY	Stable under ordinary conditions

## APPLICATIONS

CMC is used primarily in foods, drugs and cosmetics as a viscosifier, emulsion stabilizer, thickener and to improve texture. The main applications of technical grade are in textile warp sizing and paper processing. CMC is also used in detergent as a antiredeposition agent, textile warp-sizing aid, adhesives, latex paints and polishes.

## SALES SPECIFICATION

### DETERGENT APPLICATION

APPEARANCE	white to off-white powder
VISCOSITY	30cps max (1% sol.)
pH	5 - 9 (1% sol.)
MOISTURE	10.0% max

## TRANSPORTATION

PACKING  
HAZARD CLASS  
UN NO.

## OTHER INFORMATION

Hazard Symbols: n/a, Risk Phrases: , Safety Phrases: 24/25