

## BE-LONG CORPORATION

P.O.Box 139, Gulou Post office, Nanjing 210008, China

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# Carboxymethyl Cellulose Sodium

## 1. Product Identification and company identification

### 1.1. Identification of the substance or preparation

Product name : Carboxymethyl cellulose, sodium salt, average MW 700000

Chemical Name : **Carboxymethyl Cellulose Sodium**

### 1.2. Company/Undertaking Identification

Address : P.O.Box. 139 Gulou Post Office

Nanjing, 210008 China

### 1.3. Emergency and contact telephone numbers

Emergency telephone: +86-25-8471 2605

Contact telephone number : +86-25-8471 5120 (Product information)

## 2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Phosphorous acid	9004-32-4		none listed

## 3. Hazards Identification

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause irritation of the digestive tract.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

## 4. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

It's worth it, safety comes first.

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Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician

### **5. Fire Fighting Measures**

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

### **6. Accidental Release Measures**

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

### **Section 7 - Handling and Storage**

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage: Store in a cool, dry place. Store in a tightly closed container.

### **Section 8 - Exposure Controls, Personal Protection**

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

CAS# 9004-32-4:

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

### **Section 9 - Physical and Chemical Properties**

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Physical State: Crystalline powder

Color: white to light beige

Odor: odorless

pH: 6.5-8 (1% aq.sol.)

Vapor Pressure: Not available

Viscosity: Not available

Boiling Point: Not available

Freezing/Melting Point: > 300 deg C (> 572.00°F)

Autoignition Temperature: 370 deg C ( 698.00 deg F)

Flash Point: Not available

Explosion Limits: Lower: 156 mg/m3

Explosion Limits: Upper: Not available

Decomposition Temperature: Not available

Solubility in water: soluble in water

Specific Gravity/Density:

Molecular Formula:

Molecular Weight:

Section 10 - Stability and Reactivity

Chemical Stability: Stable.

Conditions to Avoid: Incompatible materials.

Incompatibilities with Other Materials Not available

Hazardous Decomposition Products Carbon monoxide, carbon dioxide.

Hazardous Polymerization Has not been reported.

Section 11 - Toxicological Information

RTECS#: CAS# 9004-32-4: FJ5950000

LD50/LC50: RTECS:

CAS# 9004-32-4: Inhalation, rat: LC50 = >5800 mg/m3/4H;

Oral, mouse: LD50 = >27 gm/kg;

Oral, rabbit: LD50 = >27 gm/kg;

Oral, rat: LD50 = 27000 mg/kg;

Skin, rabbit: LD50 = >2 gm/kg;

Carcinogenicity: Carboxymethyl cellulose, sodium salt - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

## Section 12 - Ecological Information

Other: Not readily biodegradable.

## Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

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### Section 14 - Transport Information

IATA IMO RID/ADR

Shipping Name: Not available Not available Not available

Hazard Class:

UN Number:

Packing Group:

### Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 9004-32-4: 1

Canada

CAS# 9004-32-4 is listed on Canada's DSL List

US Federal

TSCA

CAS# 9004-32-4 is listed on the TSCA Inventory.

### Section 16 - Other Information

MSDS Creation Date: 8/31/1998

Revision #0 Date Original.

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