

# DMH Ingredients

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Quality ingredients for the  
food and pharmaceutical industries

## Material Safety Data Sheet

### 1. IDENTIFICATION OF PRODUCT

Trademark	CMC
Chemical Description	High purity Sodium Carboxymethyl Cellulose, sodium CMC, 99.5% minimum
Supplier:	DMH Ingredients, Inc. 1228 American Way Libertyville, IL 60048 Phone (847) 362-9977 Fax: (847) 362-9988

### 2. INFORMATION ON INGREDIENTS

Hazardous Components	Perc	Einecs	Cas	Classification
None				

### 3. HAZARDS IDENTIFICATION

Caution	Wet floors on which this powder is split may become very slippery. This powder when dispersed in air represents an explosion hazard.
Short Term Exposure	No permanent effects on humans known from discontinuous short-term exposure when used as directed.
Long Term Exposure	No permanent effects on humans known from discontinuous long-term exposure when used as directed.
Ecology	No long-term ecological effects.

### 4. FIRST AID MEASURES

Skin	Wash off immediately with plenty of soap and water.
Eyes	Irrigate with water.
Oral	Drink large quantities of water. Rinse out mouth with water.
Inhalation	Remove to fresh. Treat any irritation symptomatically. If necessary consult doctor.

### 5. FIRE FIGHTING MEASURES

Conditions to Avoid	Keep away from heat, sparks and flames. Avoid excess dust in the atmosphere since this is an explosion hazard in the presence of electrical sparks and static.
Fire Fighting Measures	Fight the fire using water spray, sand, dry power, carbon dioxide or foam.
Protective Equipment	Impervious gloves. Use goggles. Use a dust mask.
Combustion Products	Carbon monoxide, carbon dioxide, steam and smoke.

### 6. ACCIDENTAL RELEASE MEASURES

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Caution Wet floors on which this power is spilt may become very slippery. This power when dispersed in air represents an explosion hazard.

Spillage Sweep up this product for use or place in a container for disposal.

## 7. HANDLING AND STORAGE

Handling Handle in a well ventilated area. The fine particles and powder should be regarded as an inert, nuisance dust with a threshold limit value of 10mg/m- for total dust and of 3mg/m- for the respirable portion. Avoid static build-up when emptying big bags. Earth all equipment and attach a grounding cable to the bag grounding connection.

Storage Product should be stored, under cover, in a clean wet ventilated area. Maintain a clean area by removing dust. Keep away from heat, sparks and other sources of ignition. Store in a dry area.

Packaging Material to Avoid None. The packaging material should have reasonable moistures and air barrier properties.

## 8. EXPOSURE CONTRALS/PERSONAL PROTECTION

Engineering controls Handle in a well-ventilated area. Normal industrial hygiene measures should be sufficient.

Protective Equipment Impervious gloves. Use goggles. Use a dust mask.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Typical data are:

Form Free flowing powder or granulate

Color Light cream to white

Odor Odorless

Solubility Complete in water

pH value (25°C) 6.5-8.5 (2% solution)

Dust explosion data:

Auto-flammability (°C) ~370 (dust)

Explosion Limit-lower (g/m-) 165 (dust)

## 10. STABILITY AND REACTIVITY

Stability This product is chemically stable.

Reactivity No additional hazardous chemicals are known to be formed when used as directed in this application.

## 11. TOXICOLOGICAL INFORMATION

Dermal This product is not absorbed percutaneously in rats, rabbits or humans. This product is believed not to cause skin irritation or sensitization.

Eyes This product should not be regard as an eye irritant.

Oral This product is not metabolized in the body. No adverse effects known as a result of ingestion. LD50>2000mg/kg.

