



*Specialized in chemicals*

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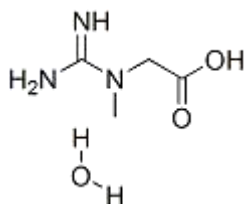
Site: www.tnjchem.com

## Technical Data Sheet

### Creatine Monohydrate

#### Product Information

Chemical Name	Creatine Monohydrate
CAS #	6020-87-7
Formula	C <sub>4</sub> H <sub>11</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight	149.15131.13
Chemical Structure	



#### Description

Creatine monohydrate is a white crystal or crystalline powder, slightly soluble in water, insoluble in ethanol and aether

#### Physical Properties

Appearance	White crystalline powder
Assay	99.0%-102.0%.
Creatinine	50.00ppm Max.
Dicyanamide	20.00ppm Max.
Loss on drying	12.0% Max.
Heavy metals	10.00ppm Max.

## Safety

Creatine Monohydrate is not a dangerous cargo,  
Always refer to the Material Safety Data Sheet (MSDS)

## Applications

Creatine Monohydrate is a dietary supplement that athletes and many bodybuilders use to increase high intensity exercise performance, increase strength, have fuller looking muscles, increase body mass and have faster post workout muscle recovery.

- 1) Food additive
- 2) Cosmetics surfactants
- 3) Nutrition enhancer
- 4) Pharmaceutical ingredient
- 5) Health product

## Packaging

25kg/carton or fiber drum

## Storage & Handling

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

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