



*Specialized in chemicals*

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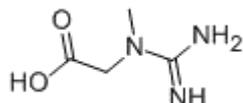
Site: www.tnjchem.com

## Technical Data Sheet

### Creatine Anhydrous

#### Product Information

Chemical Name	Creatine Anhydrous
CAS #	57-00-1
Formula	C <sub>4</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight	131.13
Chemical Structure	



#### Description

Creatine is a prismatic shape crystals (including a crystallization water molecules).Melting point 303 °C, the relative density of 1.33.Soluble in boiling water and 98% acetic acid, slightly soluble in ethanol, insoluble in ether and butyric acid

#### Physical Properties

Appearance	White odorless powder
Assay	99.80% Min.
Creatinine	50.00ppm Max.
Dicyanamide	20.00ppm Max.
Loss on drying	0.50% Max.
Heavy metals	10.00ppm Max.
Solution	Clear and colorless

### **Safety**

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

### **Applications**

Creatine Anhydrous 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.

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.*

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