



# GinShiCel MH 133-SD

## Technical Data Sheet

GinShiCel MH 133-SD is a non-ionic, water soluble cellulose ether. It improves the consistency, the stability, and the water retention of water based products.

### **Specifications**

GinShiCel MH 133-SD is a medium viscosity grade of Hydroxy Propyl Methyl Cellulose, also known as HPMC / MHPC.

### **Physical data**

Appearance: Whitish powder or granules

Particle size: 99% < 250µm

Water Content: Max 5%

Ash Content: Max 6%

Methoxyl Content: 19-24%

Hydroxypropyl Content: 4-12%

### **Characteristics of aqueous solutions**

pH (2% solution): Neutral

Viscosity (2% solution) cps: 38000 ~ 42000mpas

(1% solution) cps: 3800 ~ 4200mpas

GinShiCel MH 133-SD can be directly mixed with water and allowed to hydrate slowly. Alternatively, hydration and viscosity development can be catalyzed by adding ammonia or other alkaline pH adjusters.

### **Packaging and Storage**

The product is packed in multi-layer paper bags with an inner polyethylene bag. Net weight 25KG. The empty bags can be recycled or burned. In unopened bags, this product can last several years. In opened bags, the moisture content of this product will be influenced by air humidity. See MSDS for information on handling, transportation, and storage of the product.

### **CAS Number**

9004-65-3

No representation or warranty, expressed or implied, is made as to the accuracy or completeness of the information or data contained herein and Zhejiang Haishen New Materials Limited shall have no obligation or liability whatsoever with respect to any such information or data, including, but not limited to, any liability for infringement of patent or other industrial property rights. Zhejiang Haishen New Materials Limited disclaims all implied warranties of merchantability and fitness for a particular purpose. Zhejiang Haishen New Materials Limited shall in no event be liable for incidental or consequential damages, including, without limitation, lost profit, loss of income, loss of business opportunity and any other related costs and expenses.