

# Midso Chemical Industry

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## Product technical data sheet

### MIDWEL WB800

MIDWEL WB800 is a high viscosity Carboxymethyl Cellulose designed for application in welding electrodes production. This material is dispersible in cold and hot water.

### Specification

Viscosity (2%) : 6500-8500 c.p.  
Viscosity at 25°C (Brookfield LV)  
DS : 0.8 – 1.1  
Humidity : max 8%  
Purity : min 95%  
pH : 6.5 – 8.5

### Packaging

MIDWEL WB800 is packed in FFS three layer Polyethylene bags. Net weight is 20 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned.

### Application

When used in welding electrode, CMC can improve its appearance, its quality and its eccentricity. Also, CMC can reduce the

welding electrode's breakage rate. What's more, CMC can increase the welding electrode's viscosity and allow it to shape up easily, etc. Due to CMC's good acid resistance and salt tolerance, the liquid with CMC will have high stability, which is appropriate for the alkaline battery and zinc-manganese battery.

### Safety instructions, Storage and Shelf Life

Like many industrial processed powdery materials, Carboxymethyl Cellulose dusts are combustible and can cause dust explosions. Dust formation must be avoided or kept to a minimum. Care should be taken to prevent ignition from heat, spark, open flames or hot surface. In unopened bags, under cool, dry condition in original packaging, MIDWEL WB800 can be stored for at least 2 years. In opened bags, the moisture content of MIDWEL WB800 will be influenced by the air humidity.

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The above information is best to our knowledge and provided for manufacturing purposes. Midso makes no warranty or guarantee concerning the handling, use or application of such product whether alone or in combination with other products in case an unexpected events occur. Users are advised to make their own tests to determine the suitability and performance of the product.