



**Tradename** Ethyl Cellulose N 100

**Chemical Composition** Cellulose, Ethyl Ether

**Catalog Nr** Q001

**CAS Nr** 9004-57-3

**Definition** Ethylcellulose is a cellulose ether made by the reaction of ethyl chloride with alkali cellulose. During the reaction, the substitution of ethoxyl group is controlled to a commercially useful range of 45% to 52% ethoxyl (or 2.25 to 2.58 ethoxyl groups of a theoretical maximum of 3.0) per anhydroglucose unit.

**Application** Ethylcellulose is supplied as a white to off-white granular powder. It is readily soluble and produces transparent films of good color. Such films are unaffected by visible or ultraviolet light, and they transmit practically all visible light of the spectrum.

**Key Functions** Thickeners

Property	Value
Density	1.14 g/mL at 25 °C(lit.)
Refractive index	n <sub>20/D</sub> 1.47(lit.)
Solubility	esters, aromatic hydrocarbons, alcohols and ketones: soluble
Form	powder
Water Solubility	insoluble

**Storage & Handling** READ AND UNDERSTAND MSDS BEFORE USING OR HANDLING THIS PRODUCT.

**Hazard Class**  Hazardous Chemical  
 Non- Hazardous Chemical

**UN Nr**  **Class**  **Pack Group**

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