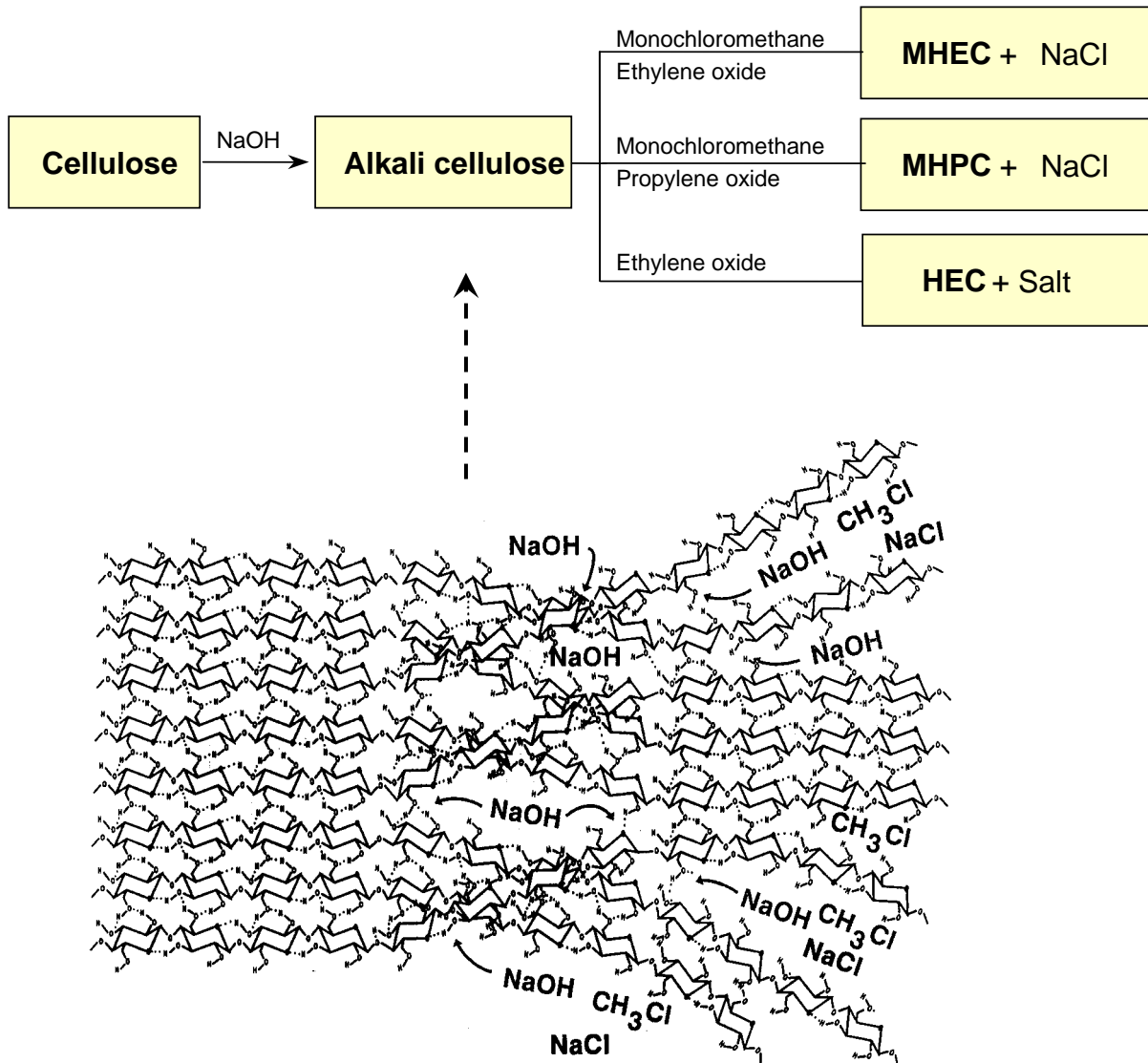


Chemical reactions

The manufacture of Tylose is a complex process. The raw material used for the production of cellulose ethers is high-purity cellulose, which is obtained from cotton linters or wood and which is water-insoluble. To make it accessible to a chemical reaction, the cellulose is first finely ground (pulp grinding) and then reacted with sodium hydroxide solution to form the so-called alkali cellulose. Depending on the required type of cellulose ether, the swollen alkali cellulose is etherified with different agents, thus creating water-soluble cellulose ethers. Unreacted etherification agents are recycled.



This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.