



Glycol Ethers FDA *Indirect* Food Additive Status

Certain Glycol Ethers are listed in the United States Food and Drug Administration (FDA) regulations for use in food-related applications.

Regulation Number (21 CFR)	Title	Propylene Glycol Methyl Ether	Dipropylene Glycol Methyl Ether	Tripropylene Glycol Methyl Ether	Ethylene Glycol Butyl Ether	Diethylene Glycol Butyl Ether	Ethylene Glycol Methyl Ether	Ethylene Glycol Phenyl Ether
181.30	<i>Substances used in the manufacture of paper and paperboard products used in food packaging (prior sanctioned food ingredients.)</i>	X	X	X				
176.300	<i>Slimicides (for use in the manufacture of paper and paperboard). Adjuvant substances permitted to be used in the preparation of slimicides.</i>	X	X	X	X	X		
176.210	<i>Defoaming agents used in the manufacture of paper and paperboard.</i>				X			
175.105	<i>Adhesives</i>	X	X	X	X	X	X	X
178.1010	<i>Sanitizing solutions. Paragraph (a) (4): an aqueous solution containing iodine, butoxy monoether of mixed (ethylene- propylene) polyalkylene glycol having a cloud point of 90 deg C.....together with components generally recognized as safe. *</i>				X			
176.180	<i>Components of paper and paperboard in contact with dry food.</i>					X		
177.1650	<i>Polysulfide Polymer –Polyepoxy resins. Paragraph (a) (3): for use as a solvent</i>				X			
173.315	<i>Chemicals used in washing or to assist in the lye peeling of fruits and vegetables. Paragraph (a) (3): for use in flume water for washing sugar beets prior to the slicing operation (not to exceed 1 ppm in the flume water).</i>				X			

- The use of Glycol ethers in other sanitizing solutions complying with FDA regulation 21 CFR 178.1010 or in cleaning and sanitizing products included in the U.S. Department of Agriculture (USDA) "List of Proprietary Substances and Nonfood Compounds" is evaluated as part of the finished formulated product. Dow recommends the registration of the finished formulated product in accordance with the appropriate requirements.

NOTE: This information is for use as general guidance. These CFR sections should always be consulted for the complete context before any conclusion is made as to the allowed regulated use. The general provisions of 21 CFR 174.5 reference cGMP, current Good Manufacturing Practices. The Dow Glycol Ethers are not currently produced under good manufacturing conditions. Please consult with Glycol Ethers Technical Service and Development personnel to evaluate the suitability of our products for your application.