

## **Generally Recognized as Safe (GRAS)**

### **Polyethylene Glycol (PEG) 400 Food Grade (FCC)**

Polyethylene Glycol Food Grade is listed as GRAS under 21 CFR Part 172 as a food additives permitted for direct addition to food for human consumption and as multipurpose additives under subpart I.

Under section 172.820 Polyethylene glycol (mean molecular weight 200-9,500) may be safely used in food in accordance with the following prescribed conditions:

(a) Identity.

(1) The additive is an addition polymer of ethylene oxide and water with a mean molecular weight of 200 to 9,500.

(2) It contains no more than 0.2 percent total by weight of ethylene and diethylene glycols when tested by the analytical methods prescribed in paragraph (b) of the section 172.820.

(b) Analytical method. (1) The analytical method prescribed in the National Formulary XV (1980), page 1244, for polyethylene glycol 400 shall be used to determine the total ethylene and diethylene glycol content of polyethylene glycols having mean molecular weights of 450 or higher.

[CITE: 21CFR172.820]

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