

Food Grade Statement
(PPS353, Rev. 1.1, 02/18, KMC)

Propylene Glycol and Propylene Glycol products sold by Greenfield Global USA Inc. are suitable for materials and articles intended to come into contact with food and use in food and beverage applications as specified in following regulations:

1. US FDA Code of Federal Regulations:

- 21CFR PART 169 -- FOOD DRESSINGS AND FLAVORINGS. §169.175 Vanilla extract.
- 21CFR PART 175 – INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS. § 175.300 Resinous and polymeric coatings. § 175.320 Resinous and polymeric coatings for polyolefin films.
- 21CFR PART 176 – INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS. § 176.180 Components of paper and paperboard in contact with dry food § 176.210 Defoaming agents used in the manufacture of paper and paperboard.
- 21CFR PART 177 – INDIRECT FOOD ADDITIVES: POLYMERS. § 177.1390 Laminate structures for use at temperatures of 250 deg. F and above. § 177.1680 Polyurethane resins. § 177.2420 Polyester resins, cross-linked. § 177.2600 Rubber articles intended for repeated use. § 177.2800 Textiles and textile fibers.
- 21CFR PART 178 - INDIRECT FOOD ADDITIVES: ADJUVANTS, PRODUCTION AIDS, AND SANITIZERS. § 178.3300 Corrosion inhibitors used for steel or tinplate.
- 21CFR PART 184 Subpart B - Listing of Specific Substances Affirmed as GRAS. § 184.1666 Propylene Glycol.
- 21CFR PART 582 – SUBSTANCES GENERALLY RECOGNIZED AS SAFE. Subpart E - Emulsifying Agents. § 582.4666 Propylene Glycol.
- 21CFR PART 73 -- LISTING OF COLOR ADDITIVES EXEMPT FROM CERTIFICATION. § 73.30 Annato Extract

2. European Union Regulations:

- COMMISSION REGULATION (EU) No 10/2011 – Propylene Glycol (1,2-propanediol) is listed in the latest version of COMMISSION REGULATION (EU) No 10/2011 on plastic materials and articles intended to come into contact with food. Propylene Glycol (FCM Substance No 109) is listed in ANNEX I, Union list of authorized monomers, other starting substances, macromolecules obtained from microbial fermentation, additives and polymer production aids. Use as additive or polymer production aid (Table 1). There are no restrictions and/or specifications indicated.
- Resolution AP (2004)1 – Propylene Glycol (1,2-propanediol) is included in C. List 1 Additives of resolution AP (2004)1 on coatings intended to come into contact with foodstuffs. There are no restrictions and/or specifications indicated. To ensure compliance with AP (2004)1, the acceptable daily intake or tolerable daily intake as defined in the reports of the Scientific Committee for food / EFSA is 25 mg/kg body weight.
- EUPIA exclusion list – Propylene Glycol is not included in the exclusion list of solvents issued by the European Printing Ink Association.
- Swiss Ordinance 817.023.21 ON MATERIALS AND ARTICLES IN CONTACT WITH FOOD – Propylene Glycol is listed. There are no restrictions and/or specifications indicated.

In addition Propylene Glycol is listed as:

- JECFA Food Additive: Propylene Glycol
- GSFA Codex: Propylene glycol (1520)
- FEMA Number: 2940 Propylene Glycol
- FDA Main term: PROPYLENE GLYCOL

Propylene Glycol and Propylene Glycol Products are manufactured, processed and packaged in a GMP and HACCP compliant facility. These products also meet the current Food Chemical Codex (FCC) criteria for Propylene Glycol. Propylene Glycol is Kosher certified.