

Food Grade Statement
(PPS352, Rev. 1.1, 02/18, KMC)

Hydrochloric Acid sold by Greenfield Global USA Inc. is 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 133 - CHEESES AND RELATED CHEESE PRODUCTS. §133.129 Dry curd cottage cheese.
- 21CFR PART 155 – CANNED VEGETABLES. § 155.191 Tomato concentrates. §155.194 Catsup.
- 21CFR PART 160 – EGGS AND EGG PRODUCTS. § 160.105 Dried eggs. §160.185 Dried egg yolks.
- 21CFR PART 172 - FOOD ADDITIVES PERMITTED FOR DIRECT ADDITION TO FOOD FOR HUMAN CONSUMPTION. § 172.892 Food starch-modified. § 172.560 Modified hop extract.
- 21CFR PART 182 – SUBSTANCES GENERALLY RECOGNIZED AS SAFE. Subpart B - Multiple Purpose GRAS Food Substances. § 182.1057 Hydrochloric Acid.

2. European Union Regulations:

- COMMISSION REGULATION (EU) No 10/2011 – Hydrochloric Acid 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. Hydrochloric Acid (FCM Substance No 507) 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 – Hydrochloric Acid 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.
- EUPIA exclusion list – Hydrochloric Acid 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 – Hydrochloric Acid is listed in Annex 5 Part A Substance Evaluated. There are no restrictions and/or specifications indicated.

In addition Hydrochloric Acid is listed as:

- JECFA Food Additive: Hydrochloric Acid
- GSFA Codex: Hydrochloric Acid (507)
- FDA Main term: HYDROCHLORIC ACID

Hydrochloric Acid is manufactured, processed and packaged in a GMP and HACCP compliant facility. This product also meets the current Food Chemical Codex (FCC) criteria for Hydrochloric Acid.