

Food Grade Statement
(PPS354, Rev. 1.1, 02/18, KMC)

Sodium Hydroxide 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 155 – CANNED VEGETABLES. § 155.191 Tomato concentrates. §155.194 Catsup.
- 21CFR PART 163 – CACAO PRODUCTS. § 163.110 Cacao nibs. § 163.111 Chocolate liquor. §163.112 Breakfast cocoa.
- 21CFR PART 172 - FOOD ADDITIVES PERMITTED FOR DIRECT ADDITION TO FOOD FOR HUMAN CONSUMPTION. § 172.560 Modified hop extract. § 172.814 Hydroxylated lecithin. § 172.892 Food starch-modified.
- 21CFR PART 173 - SECONDARY DIRECT FOOD ADDITIVES PERMITTED IN FOOD FOR HUMAN CONSUMPTION. § 173.310 Boiler water additives.
- 21CFR PART 176 - INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS. § 176.170 Components of paper and paperboard in contact with aqueous and fatty foods. § 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. §177.2800 Textiles and textile fibers.
- 21CFR PART 184 – DIRECT FOOD SUBSTANCES AFFIRMED AS GENERALLY RECOGNIZED AS SAFE. Subpart B - Listing of Specific Substances Affirmed as GRAS. §184.1763 Sodium Hydroxide.
- 21CFR PART 73 - LISTING OF COLOR ADDITIVES EXEMPT FROM CERTIFICATION. §184.1763 Sodium Hydroxide.

2. European Union Regulations:

- COMMISSION REGULATION (EU) No 10/2011 – Sodium Hydroxide 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. Sodium Hydroxide (FCM Substance No 400) 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 – Sodium Hydroxide 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 – Sodium Hydroxide 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 – Sodium Hydroxide is listed in Annex 5 Part A Substance Evaluated. There are no restrictions and/or specifications indicated.

In addition Sodium Hydroxide is listed as:

- JECFA Food Additive: Sodium Hydroxide
- GSFA Codex: Sodium Hydroxide (524)
- FDA Main term: SODIUM HYDROXIDE

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