



# Food Additive Regulations Hydrochloric (Muriatic) Acid

### Product Quality

OxyChem's technical grade hydrochloric acid meets the test requirements specified in the *Food Chemicals Codex (FCC), Sixth Edition, 2008*.

OxyChem does not represent or warrant general compliance of this product for food use. Each prospective use of a product in a food or food related application must be carefully assessed against appropriate regulations by the user and it cannot be assumed that products meeting FCC test requirements are satisfactory for all uses without such assessment.

### Generally Recognized as Safe (GRAS) Status

Hydrochloric acid (CAS No. 7647-01-0) is listed as a Multiple Purpose GRAS Food Substance under 21 CFR 182.1057 for use as a buffer and neutralizing agent in accordance with good manufacturing practice as defined under 21 CFR 182.1(b).

Hydrochloric acid is also listed for use as a General Purpose Food Additive under 21 CFR 582.1057 for animal feed when used as a buffer and neutralizing agent in accordance with good manufacturing or feeding practice as defined under 21 CFR 582.1(b).

### Food Additives Permitted for Direct Addition to Food for Human Consumption

The following references to hydrochloric acid are found under 21 CFR Part 172:

#### 21 CFR 172.560(b)(6)

MODIFIED HOP EXTRACT: as an acidifier for use in the hydrogenation process.

#### 21 CFR 172.892(a)

FOOD STARCH-MODIFIED: as an acidifier in an amount reasonable required to accomplish the effect.

### Approved Uses by the U.S. Department of Agriculture (USDA)

In addition to the uses sanctioned by the FDA, hydrochloric acid has been cleared for the following uses by the USDA:

#### 9 CFR 96.13

DISINFECTATION OF UNCERTIFIED ANIMAL CASINGS: as a component of solutions for the disinfection of foreign animal casings offered for importation.

#### 9 CFR 319.700(b)(9)

MARGARINE OR OLEOMARGARINE: to acidify margarine or oleomargarine in amounts sufficient for the purpose.

For further information contact:

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