



# Adipic Acid

## Other Names

hexanedioic acid; 1,4-butanedicarboxylic acid

## Description

Oxidation of cyclohexane, cyclohexanol, or cyclohexanone with air or nitric acid. Grade: Technical; FCC. Use: Manufacture of nylon and of polyurethane foams; preparation of esters for use as plasticizers and lubricants; food additive (acidulant), baking powders, adhesives.

## Properties

- soluble in alcohol and acetone.
- Slightly soluble in water
- flash p 385F (196C) (CC).
- crystalline solid
- mp 152C; bp 265C (100mm)
- d 1.360 (20/4C)
- White
- Relatively stable.
- Combustible.

## Directions for use

Manufacture of nylon and of polyurethane foams; preparation of esters for use as plasticizers and lubricants; food additive (acidulant), baking powders, adhesives

## Hazard Warning

See MSDS

## Dosage

None

## Packaging

50-lb bags; 2,000 lbs supersacks