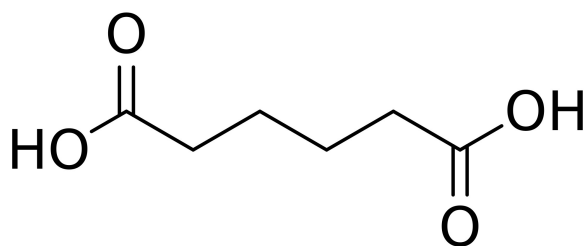


h1>Adipic acid AR [124-04-9]



CAS number: **124-04-9**

Summary formula: **C6H10O4**

Molar mass: **146.14 g / mol**

Synonyms: **butane-1,4-dicarboxylic acid, hexanedioic acid**

Translation [ENG]: **adipic acid**

Application: **Adipic acid is used in the chemical industry in the synthesis of polyamides, the production of insecticides, adhesives, plasticizers, as components of lubricants and the production of polyester polyols, and in the food industry, it is added to baking powder, fillings and coatings, and as a gelling agent in products.**

VARIATIONS

Image	Price	Pack size
 <chem>OC(=O)CCCCC(=O)O</chem>	£209,00 gross £169,92 netto	25 kg

PRODUCT DESCRIPTION

Adipic acid 99% AR [124-04-9]

Adipic acid is used in the chemical industry in the synthesis of polyamides, the production of insecticides, adhesives, plasticizers, as ingredients in lubricants and the production of polyester polyols, and in the food industry, it is added to baking powder, fillings and coatings, and as a gelling agent in products.

Form: solid

White color

Odor: no smell

pH: 2.7 (23 g / l, 25 ° C)

Melting point: 150-153 ° C

Boiling point: 337.5 ° C (1013 hPa)

Auto-ignition temperature: 405 ° C

Flash point: 198 ° C

Density: 1.36 g / cm³

Bulk weight: about 630 kg / m³

Solubility:

in water: 23 g / l (25 ° C)

Log K (o / w): 0.093

Hazard pictograms

Labels for hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effects, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)