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Product Specification adipic acid CAS No. : 124-04-9



Chemical name :	adipic acid
chemical name :	hexanedioic acid
Appearance :	white powder
assay :	min 99.8 %
other :	nitrate: max 20 ppm
Moisture :	max. 0,2 %
Density :	1,36
Packing :	bags, big bags

Einecs : 204-673-3

CAS No. : 124-04-9

WGK : 1

Synonym : 1,6-Hexansäure, 1,4-Butandicarbonsäure, 1,4-Dicarboxylbutan, E 355

General informations : Adipic acid is poorly soluble in cold water 15 g/L (RT)

and highly soluble in warm water 161 g/L (60°C)

pH 2.7 (23 g/L, RT)

Boiling point 337.5°C, melting point 150.8°C

Flash point 196°C

We fill adipic acid for our customers in customer specific containers. These containers range from 100ml bottles to lidded drums 5-200lt., up to 1000lt. bulk IBC.

In order to guarantee a short-term and reliable supply of adipic acid, we have agreed minimum quantities with our customers, which we then keep in stock.

We are happy to do this for you too.

The quality of our adipic acid is regularly tested in our laboratory.

Application :

Adipic acid is used by SysKem Chemie in its own and customer-specific formulations.

These include carboxylic acid mixtures for applications in the printing ink industry and in corrosion protection formulations for metal treatment fluids.

You save time and money by having us mix adipic acid for you according to your formulations and fill it into containers specified by you.

Our customers also use adipic acid as a raw material for the production of plasticisers such as dioctyl adipate, diisotridecyl adipate, diisononyl adipate, dimethyl adipate.

Adipic acid is a precursor for plastics, elastomers, flexible and rigid foams, such as polyamide 6/6 or polyamide 6/10.

Adipic acid is an additive for flue gas desulphurisation (pH buffer).

Hazard Statements :

Adipic acid reacts exothermically with bases (heat development).

Avoid dust formation of adipic acid, as a dust explosion hazard cannot be excluded.

Adipic acid causes severe eye irritation.

Label :

GHS07

Product categories :

carbonic acid or carboxylic acid,

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This data is only for your information purposes and does not imply a guarantee for a certain application.

