

Adipic Acid



Safety (MSDS) data

This product is from a Valetime Trading Source

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GENERAL

CAS	124-04-09
EINECS Number	204 - 673 - 3
Synonyms	hexanedioic acid, 1,4-butanedicarboxylic acid
Molecular formula	HOCO(CH ₂) ₄ COOH
Use	Manufacture of Nylon, Polyurethane foams and elastomers, Preparation of Esters for use as plasticisers and lubricants, Manufacture of water treatment products.

PHYSICAL DATA

Appearance	White crystalline powder
Melting Point	152 °C
Boiling Point	337 °C
Specific Gravity	1.36
Vapour Pressure	0.1 mm Hg @ 20 °C
Flash Point	196 °C

STABILITY

Stable.
Substances to be avoided include ammonia, strong oxidizing agents.

TOXICOLOGY

Inhalation may cause irritation.

Risk Phrases	R36 R37 R38. RTECS AU8400000 RID / ADR : UN 3077 9/PG3
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PERSONAL PROTECTION

Safety glasses, Protective gloves, closed working clothing.
The usual precautions for the handling of chemicals must be observed.

FIRST AID MEASURES

General advice	Remove contaminated clothing.
If difficulties occur after dust has been inhaled	Fresh air, summon physician.
On skin contact	Wash thoroughly with soap and water.
On ingestion	Rinse mouth and then drink plenty of water.

Disclaimer for Specifications

Every effort is made to ensure that technical specifications are accurate. However, technical specifications included herein should be used as a guideline only and not construed as commitment by any company within or supported by the VALETIME Group. All specifications are subject to change without notice.

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TRANSPORT INFORMATION

Not classified as hazardous under transport regulations. Non-hazardous for air, sea and road freight.

ACCIDENTAL RELEASE

Handle in accordance with good industrial and safety practice.

Personal precautions	Avoid dust formation
Environmental precautions	Discharge into the environment must be avoided.
Methods for cleaning up	Pick up and dispose of.

HANDLING AND STORAGE

Keep away from sources of ignition – no smoking.
Take precautionary measures against static discharges,
Handle in accordance with good industrial and safety practice.

Handling	Ensure through ventilation of stores and work areas.
Storage	Containers should be tightly sealed in a dry place.

DISPOSSAL CONSIDERATIONS

Must be disposed of by special means e.g. suitable incineration, in accordance with local regulations.
Contaminated packaging: Uncleaned empties should be disposed of in the safe manner as the contents.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).