

AGS Acid



Safety (MSDS) data
MATERIAL DATA SAFETY SHEET

CONTACT

Telephone: +44 (0) 1204 497 900
E-mail: shipping@valetimegroup.com

A G S = (Adipic - Glutaric - Succinic mixture) acid

Page One of Two

Non-hazardous for air, sea and road freight.

GENERAL

P-AGS "PURIFIED MIXTURE OF ADIPIC/GLUTARIC/SUCCINIC ACIDS"

CAS see below
Molecular formula $\text{HOOC}(\text{CH}_2)_n\text{COOH}$ (n=2,3,4)
Molecular weights 118.1/132.1/146.1

COMPONENTS

Component ADIPIC ACID
CAS 124-04-9
EINECS 204-673-3
Synonyms hexanedioic acid; 1,4-butanedicarboxylic acid
Molecular formula $\text{COOH}(\text{CH}_2)_3\text{COOH}$
Percentage, % 20 - 40

Component GLUTARIC ACID
CAS 110-94-1
EINECS 203-817-2
Synonyms n-pyrotartaric acid; pentanedioic acid
Molecular formula $\text{HOOC}(\text{CH}_2)_3\text{COOH}$
Percentage, % 32 - 50

Component SUCCINIC ACID
CAS 110-15-6
EINECS 203-740-4
Synonyms butanedioic acid
Molecular formula $\text{CO}_2\text{H}(\text{CH}_2)_2\text{CO}_2\text{H}$
Percentage, % 20 - 36

The A G S acid is a by-product, thus its composition may vary. Typical composition is listed on a dry basis. AGS acid available to Valetime has been further processed / refined to remove heavy metals and is marketed in this purified form as "P-AGS".

STABILITY

STABLE

Substances to be avoided include strong bases and strong oxidising agents.

COMBUSTIBLE.

Disclaimer for Specifications / Safety Information

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.

VALETIME Group is not responsible for the correctness nor for the consequences that may derive from the utilisation of this information. The only purpose of the safety data sheet is to describe the products as to their safety. The information do not represent warranty of quality. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.

AGS Acid



Safety (MSDS) data

CONTACT

Telephone: +44 (0) 1204 497 900
E-mail: shipping@valetimegroup.com

A G S = (Adipic - Glutaric - Succinic mixture) acid

Page Two of Two

Non-hazardous for air, sea and road freight.

TOXICOLOGY

May act as an Irritant. Xi (irritating)
Corrosive, causes burns.
Harmful by inhalation, ingestion and through skin absorption.
Wash after handling.
Eye contact may cause serious damage.



PERSONAL PROTECTION

Safety glasses
The usual precautions for the handling of chemicals must be observed.
Adequate ventilation.

TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight. N.O.S.

Transportation information:

National:	Road ADR	Not mentioned
	Railway FS Enc. 7	Not mentioned
	Sea	MMM Classified as non-hazardous
International:	Road ADR	Not mentioned
	Railway RID	Not mentioned
	Sea IMO	Not mentioned
	Air IATA	Not mentioned

HANDLING AND STORAGE

Handle in accordance with good industrial and safety practice.

ACCIDENTAL RELEASE

Handle in accordance with good industrial and safety practice.

Disclaimer for Specifications / Safety Information


www.valetimegroup.com

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.

VALETIME Group is not responsible for the correctness nor for the consequences that may derive from the utilisation of this information. The only purpose of the safety data sheet is to describe the products as to their safety. The information do not represent warranty of quality. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.