

Technical Data Sheet



AMT115500 Acetonitrile Extra pure

TATexsolve®

General product Information:

CAS number	75-05-8
Synonyms	ACN, Methyl cyanide, Ethyl nitrile, Cyanomethane
Overview	TATexsolve® is our low-cost alternative to high-purity qualities. With TATexsolve® we offer a range of solvents for a plurality of basic applications in non-regulated industries and for less demanding applications, preparative laboratory work and cleaning purposes. TATexsolve® solvents provide adequate specifications with the most important parameters..
Grade	Reag. Ph Eur
Hill Formula	C ₂ H ₃ N
Chemical formula	CH ₃ CN
Molar Mass	41.05 g/mol
Structure formula	
Image	$\text{H}_3\text{C}-\equiv\text{N}$

Chemical/Physical Data:

Boiling point	81.6 °C (1013 hPa)
Density	0.786 g/cm ³ (20 °C)
Explosion limit	3.0 - 17 % (V)
Flash point	2 °C
Ignition temperature	524 °C
Melting Point	-45.7 °C
Vapor pressure	97 hPa (20 °C)
Refractive Index	1.34
Solubility	(20 °C) soluble

Toxicological Data:

LD 50 oral	LD50 Rat 2730-3800mg/kg
LD 50 dermal	LD50 Rabbit 988 mg/kg

Packaging Information:

Order Number	Package	Packaging
AMT115500.1000	1 L	Glass Bottle
AMT115500.2500	2.5 L	Glass Bottle
AMT115500.4000	4 L	Glass Bottle