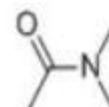


Technical Data Sheet

Basic information

Chemical name	N,N-Dimethylacetamide	Formula	C4H9NO
Synonyms	Acetyldiethylamine; dimethylacetamid; dimethylacetoneamide; Dimethylamide acetate; DMAC		
CAS.No.	127-19-5		
EINECS No.	201-152-2		
Molecular weight	87.12		



Physical properties

Appearance	Colorless liquid
Density, 20 °C, g/cm ³	0.942
Boiling point, °C	166
Melting point, °C	-20
Flash point, °C	64
Refractive index	1.4380
Solubility	Soluble in water, ethers, esters, ketones and aromatics compounds

Specification

Items	Standard
Appearance	White transparent liquid
Assay, %	≥99.90
Color, Hazan	≤5.0
Water, w/%	≤0.010
Iron, w/(mg/kg)	≤0.05
Acidity, w/%	≤0.0030
Basicity, w/%	≤0.00010
Conductivity, us/cm	≤0.05

Application

Acrylic fibres	Applied as solvent in wet spinning processes for the production of acrylic fibres.
Elasthane fibres	In the production of polyurethane - based elasthane fibres, is the solvent of choice given its evaporation speed, whether it is used in wet or dry spinning processes. Used both as a solvent and as a reagent in the production of various pharmaceuticals.
Pharm. filed	In the production of novel x - ray contrast media. Cephalosporins, which are among one of the leading classes of antibiotics, are partly produced from derivatives of 7-ADCA(7-aminodeacetoxy-cephalosporanic acid).

Used in the manufacturing process.

Various polymers A good solvent for polyimide resins, both in coating and film production. It is also the ideal solvent for the production of dialyser membranes, based on polysulfones.

A mixture of DMAC and lithium chloride is a useful solvent for cellulose fibres in several applications.

Package

- 190kg/drum, 15.2mt per 20'ft;
- 1mt IBC drum, 20mt per 20'ft;

Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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