TNJ®
Specialized in chemicals

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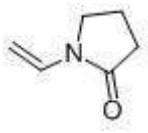
Technical Data Sheet

Basic information

Chemical name	N-Vinyl-2-pyrrolidone	Formula	C6H9NO
Synonyms	NVP, 1-Vinyl-2-pyrrolidinone	Chemical structure	
CAS.No.	88-12-0		
EINECS No.	201-800-4		
Molecular weight	111.14		

Physical properties

Appearance	Colorless or colorless to yellowish liquid
Density,20℃, g/cm3	1.04
Boiling point,℃	92~95
Melting point,℃	13~14
Flash point,℃	94
Refractive index	1.512
Solubility	Miscible with water, ethanol, ether and other organic solvents

Specification

Items	Specification
Appearance	Colorless or colorless to yellowish liquid
Active Content,%	≥ 99.5
Moisture, %	≤ 0.10
Color, APHA	≤ 60
a-Pyrrolidone, %	≤ 0.10
Crystallization point	13-14C

Application

1) N-Vinyl-2-pyrrolidone is produced industrially by reacting 2-pyrrolidone with acetylene.

2) N-Vinyl-2-pyrrolidone is the precursor to polyvinylpyrrolidone (PVP), an important synthetic material.

3) N-Vinyl-2-pyrrolidone monomer is commonly used as a reactive diluent in ultraviolet and electron-beam curable polymers applied as inks, coatings or adhesives.

Package

200kg/steel drum, 16mt (20pallet)/20'ft
1000kg/IBC, 20mt/20"FCL

Safety on transportation

It belongs to Hazardous 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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