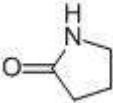


Technical Data Sheet

Basic information

Chemical name	2-Pyrrolidinone	Formula	C4H7NO
Synonyms	2-p, a-p	Chemical structure	
CAS.No.	616-45-5		
EINECS No.	210-483-1		
Molecular weight	85.1		

Physical properties

Appearance	Colorless transparent liquid
Density,20℃, g/cm ³	1.12
Boiling point,℃	245
Melting point,℃	23~25
Flash point,℃	110
Refractive index	1.487
Solubility	Miscible with water, alcohol, ether, chloroform, benzene, ethyl acetate and carbon disulfide, insoluble in petroleum ether.

Specification

Items	Technical Grade	USP 26
Appearance	Colorless transparent liquid	
Active Content,%	≥ 99.0	≥ 99.5
Moisture, %	≤ 0.20	≤ 0.10
Color, APHA	≤ 30	≤ 20

Application

2-pyrrolidone is an important chemical raw material and high-polarity organic solvent. It is widely used in the pharmaceutical, textile, cosmetic, solvent, electronic cleaning and other industries.

- to produce inks and iodine
- to produce synthetic resin
- to produce pesticide
- to produce polyvalent alcohol
- as the raw materials of polyvinylpyrrolidone, polyamide-4 fibre and piracetam etc.

Package

- 200kg/steel drum, 16mt(20pallet)/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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