



**SHANGHAI FREEMEN CHEMICALS CO.,LTD.**

ADDRESS: SUITES 22G, SHANGHAI INDUSTRIAL INVESTMENT

BLDG.,18 CAOXI RD.(N),SHANGHAI 200030,CHINA

TEL:021-64279170 Email: ni.xiaohu@freemen.sh.cn

Product: **Acetonitrile**

**Acetonitrile, a colorless liquid, is the simplest organic nitrile and is widely used as a polar aprotic solvent.**

**Alias: ACN; CH<sub>3</sub>CN; Acetonitrile; Cyanomethan**

CAS No: **75-05-8**

Molecule structure      $\text{H}_3\text{C}-\text{C}\equiv\text{N}$

### **Specifications:**

Appearance: Transparent liquid

Purity: 99.9%min

Water: 0.03%max

Color (Pt-Co): 10 max

Hydrocyanic Acid(mg/kg):10max

Ammonia (mg/kg):6max

Acetone (mg/kg): 25max

Acrylonitrile (mg/kg): 25max

Propionitrile (mg/kg): 500max

Fe(mg/kg): 0.50max

Cu (mg/kg): 0.05max

**Packing & Delivery** 150kg/drum, 12Mt/FCL,



18mt/ISO tank

UN No.1648, Class:3, Packing group:II

**Application**

☒ Chemical analysis and instrumental analysis.

☒ Solvent for hydrocarbon extraction and

separation.

☒ Intermediate of synthetic medicine and pesticide.

☒ Semiconductor cleaner.

☒ Other applications: In addition to the above

applications, acetonitrile can also be used as raw material for organic synthesis, catalyst or component of transition metal complex catalyst.

In addition, acetonitrile is also used in fabric dyeing and coating compound, and it is also an effective stabilizer of chlorinated solvent