

Product Name**Acetonitrile****Grade: UV Spectroscopy****Synonyms**

Ethanenitrile, Cyanomethane, Ethyl nitrile, Methyl cyanide

CAS Number

75-05-8

General Information

| | | | |
|--------------------------|---------------------------------|-----------------------|--------------------------------|
| Chemical formula: | C ₂ H ₃ N | Molar Mass: | 41.05 g/mol |
| Appearance: | Colorless liquid | Density: | 0.78 g/cm ³ (20 °C) |
| Solub. in water: | Soluble (20 °C) | Melting point: | -46 °C |
| Boiling point: | 81 °C | Flash point: | 5 °C |
| Storage temp.: | Below +30 °C | Cautions: | Highly flammable, Toxic |
| R: | 11-23/24/25 | S: | 16-27-44 |
| HS-No.: | 2926 90 900 | EC-Index-No.: | 608-001-00-3 |

Hazard Symbol**Specification**

| | | | |
|-------------------------------|---|--------|-------|
| Assay (GC) | ≥ | 99.5 | % |
| Color | ≤ | 10 | APHA |
| Residue after evaporation | ≤ | 0.005 | % |
| Titration acid | ≤ | 0.0008 | meq/g |
| Titration base | ≤ | 0.0006 | meq/g |
| Water | ≤ | 0.3 | % |
| UV Absorption | | | |
| up to 254 nm | ≤ | 0.01 | AU |
| at 220 nm | ≤ | 0.05 | AU |
| at 190 nm | ≤ | 1 | AU |
| Filtered through 0.2µm filter | | | |

Ordering Information

| | | | | | |
|----------------|-----------------|-----------------|------------|-------------|-------------|
| Volume: | 1 L | 2.5 L | 5 L | 10 L | 20 L |
| Plastic | – | – | – | – | – |
| Glass | 210.15.01000.01 | 210.15.02500.01 | – | – | – |