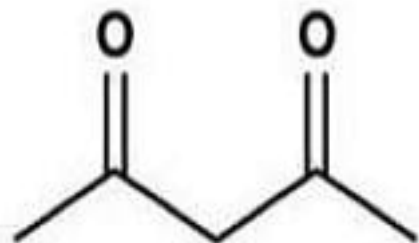


Acetylacetone (pentane-2,4-dione)

Chemical Properties:

Chemical structure :



CAS No.: 123-54-6

Chemical Formula: C₅ H₈ O₂

| Item | Unit | Standard |
|-------------------------|-------------------|-------------|
| Acetyl acetone content: | % | > 99.7 |
| Density(20° C): | g/cm ³ | 0.970-0.975 |
| Refractive index: | | 1.450±0.002 |
| Acetic acid: | % | 0.15 Max |
| Residue on evaporation: | % | 0.01 Max |
| Moisture: | % | 0.15 Max |
| Color (APHA): | | 10 Max |



Specification :

Appearance

Clear, colourless, mobile liquid with a pleasant, ketone-like odour

Application

- For synthesizing heterocycles (isoxazoles, pyrazoles, pyrimidines, pyridines etc.)
- For preparation of metal acetylacetonates as catalysts
- Production of anti-corrosion preparations
- Its peroxide is used as radical initiator for polymerisations
- Intermediate for drugs (e.g. Sulfamethazine, Nicarbazine)
- Synthesis of vitamin B6 and vitamin K
- Intermediate for pesticides (e.g. fungicides, sulfonylurea-herbicides)

Packaging

195kg plastic pail or 1000kg in tank. This product is flammable and explosive

Storage and Safe-handling

Stored in dry and cool place. Please go to our MSDS for safe-handling.