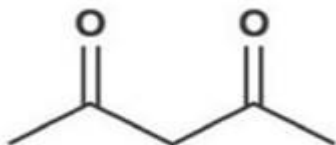




Acetyl acetone

Chemical Properties: Acetylacetone (pentane-2,4-dione)

Chemical structure:



CAS No.: 123-54-6

Chemical Formula: $C_5H_8O_2$

Specification :

Item	Unit	Standard
Acetyl acetone content:	%	> 99.5
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

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

200kg plastic pail in tank. This product is flammable and explosive

Storage and Safe-handling

Stored in dry and cool place.