

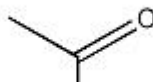
Technical Data Sheet

ACETONE

Propanone

CAS Number: **67-64-1**

Formula: C₃H₆O



DESCRIPTION:

Acetone is a colorless and transparent liquid with a slightly fragrant odor.

APPLICATION:

Acetone is an important organic synthesis raw material for the production of epoxy resins, polycarbonates, plexiglass, medicines, pesticides, etc. It is also a good solvent for coatings, adhesives, acetylene in cylinders, etc. Also used as diluent, cleaning agent, extractant. It is also an important raw material for the manufacture of acetic anhydride, diacetone alcohol, chloroform, iodoform, epoxy resin, polyisoprene rubber, methyl methacrylate, etc. It is used as solvent in smokeless powder, celluloid, acetate fiber, spray paint and other industries. It is used as an extractant in oil and other industries.

PHYSICAL PROPERTIES:

Form	liquid
Appearance	Clear
Molecular Weight	58.08
Ignition temperature °C	465
Boiling Point °C	56.5
Flash Point, PMCC, °C	-18
Melting Point, °C	-94.9
Specific Gravity, g/cm ³	0.7899
Refractive Index, 20°C	1.3589
Vapor Pressure. kPa, 20°C	24
Viscosity, mPa.s, 25°C	0.316
Specific heat capacity KJ/(kg·K), 25°C	1.28

REGULATORY INFORMATION:

UN	1090
EINECS	200-662-2
HS CODE	2914110000

Anhui Eapearl Chemical Co., Ltd.

Add: 518 Cuihu 1st Road, Tongling City, Anhui Province, P.R.China