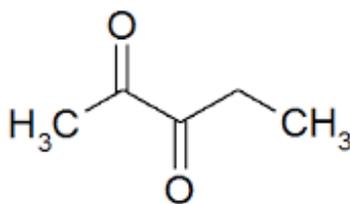




TECHNICAL DATA SHEET

Product Name:	ACETYL PROPIONYL- SYNTHETIC
CAS Number:	600-14-6
FEMA Number:	2841
Molecular Weight:	100.11716000
Molecular Formula:	C ₅ H ₈ O ₂



Synonyms:	ACETYL PROPANAL, 2,3-PENTANEDIONE
CAS Name:	2,3-PENTANEDIONE

APPLICATION INFORMATION

Odor Strength:	HIGH, Recommended smelling in 1.00% solution or less.
Odor Description:	PUNGENT, SWEET , BUTTER
Substantivity:	12 Hrs at 100 %
Taste Description:	TOASTY, CAMELLIC, BUTTERY

SPECIFICATIONS

Purity:	96-100%
Appearance:	Yellow to yellow green Clear Liquid
Refractive Index:	1.4000 : 1.4200 at 20 deg C
Acid Value:	0.41

TECHNICAL INFORMATION

Flash Point:	66.00 deg F (TCC) (18.89 deg C)
Boiling Point (approx):	108.00 : 112.00 °C @ 760 mm Hg
Melting Point:	-52 to -51 deg C @ 760 mm Hg
Solubility:	Insoluble in water; soluble in alcohol.
Log P:	-0.850

PACKAGING AND STORAGE

Recommended Packaging:	Glass, Plastic, Aluminum or Phenolic Lined Steel
Shelf Life:	24 months from manufacture date
Recommended Storage:	Store tightly sealed under inert gas in a cool, well-ventilated area.
