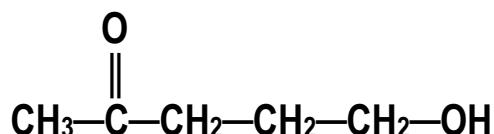




# 5-HYDROXY-2-PENTANONE

## Product data



CAS No.:	1071-73-4
CAS Name:	2-Pentanone, 5-hydroxy-
EC No.:	213-994-8
EINECS Name:	5-Hydroxypentan-2-one
Synonyms:	3-Acetyl-1-propanol; 3-Acetopropanol; Acetopropyl alcohol;
Molecular Formula:	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>
Molecular Weight:	102.13 g/mol

## PRODUCT DESCRIPTION

Appearance:	colourless liquid
Purity:	95 % min (HPLC)
Melting/Freezing point:	< - 50 °C
Boiling point:	111 °C/3.33 kPa
Flash point:	> 110 °C
Partition coefficient (octanol/water):	- 0.91
Solubility in water:	soluble
Relative density:	1.003 g/cm <sup>3</sup> at 20 °C

## SHIPPING, HANDLING AND STORAGE

- 5-Hydroxy-2-pentanone is packed in 5 plastic drums or on request.
- 5-Hydroxy-2-pentanone is not regulated as a hazardous material for land, maritime and air transport.
- 5-Hydroxy-2-pentanone is stable under recommended storage conditions. Store in cool place.

**APPLICATIONS:** Mainly used as pharmaceutical intermediates. Used for the manufacture of 5-2-echlorineketone, antimalarial chlorine high-graded phosphate and VB1 etc.  
Chemical intermediate

## VUP, a.s.

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