

ALLYL ALCOHOL



CAS Number: 107-18-6

Other Names: Allyl alcohol, 2-Propen-1-ol,
1-Propen-3-ol, Vinyl Carbinol,

Formula: C₃H₆O

PRODUCT INTRODUCTION

Allyl alcohol is an organic compound with the structural formula CH₂=CHCH₂OH. It appears as a clear colorless liquid but it is more toxic than typical small alcohols. Allyl alcohol is a propenol in which the C=C bond connects C-2 and C-3. It has been found in garlic (*Allium sativum*). Prolonged exposure to low concentrations or short exposure to high concentrations may have adverse health effects from inhalation. Allyl alcohol is the smallest representative of the allylic alcohols.

PHYSICAL AND CHEMICAL PROPERTIES

Assay	99.98 wt%
Water	0.010 wt %
Acidity	13 ppm
ALD	0.0034 wt%
Appearance	Clear & Free
Color	5 APHA

APPLICATIONS

- Allyl alcohol is an industrially important olefinic alcohol. It is the raw material for the synthesis of a wide range of allylic derivatives such as allyl diglycol carbonate, allyl glycidyl ether, 1,4-butanediol, poly(styrene-allyl alcohol), etc. These derivatives find application as lens, coupling agents, plasticizers, crosslinking agents and coating additives
- Allyl alcohol is an intermediate in the pharmaceutical industry and is employed in the production of glycerol, diallyl phthalate, diallyl isophthalate (monomer and prepolymer), and in the manufacture of acrolein.
- It is also used as a denaturant for ethanol; a herbicide for ornamentals, celery beds, and soil treatment in uncultivated areas; as a fungicide for tobacco and grass seed; and as a military warfare gas.

PACKAGING OPTIONS

Drums

To Get a Quote, Email On marketing@sanjaychemindia.com