

# ALPHA NAPHTHOL



CAS Number: 90-15-3

Other Names: alpha-naphthol, 1-Naphthol, naphthalen-1-ol,  
1-Hydroxynaphthalene

Formula: C<sub>10</sub>H<sub>8</sub>O

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## PRODUCT INTRODUCTION

Alpha Naphthol is a hydroxyl-aromatic compound with the formula C<sub>10</sub>H<sub>8</sub>O. It is an isomer of 2-naphthol differing by the location of the hydroxyl group on the naphthalene ring. The naphthols are naphthalene homologues of phenol, with the hydroxyl group being more reactive than in the phenols. It is soluble in simple alcohols, ethers, and chloroform.

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## PHYSICAL AND CHEMICAL PROPERTIES

Content of 1-naphthol (99.5% Min.)	99.90%
Content of 2-naphthol (0.10% Max.)	0.006%
Solidifying point (94.2 °C Min.)	94.75 °C

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## APPLICATIONS

- Alkyl alcohol is used making several dyes and are converted into numerous corresponding amines, esters, ethers and carboxylic derivatives as well as into numerous sulfo- and nitro-group substituted (mono-, di- and tri) naphthol compounds. They find extensive applications in making dyes, pigments, fluorescent whiteners, tanning agents, antioxidants, and antiseptics.
  - 1-Naphthol is a precursor to a variety of insecticides including carbaryl and pharmaceuticals including nadolol as well as for the anti-depressant sertraline and the anti-protozoan therapeutic atovaquone
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## PACKAGING OPTIONS

Drums

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