

# NAPHTHALENE REFINED



CAS Number: 91-20-3

**Other Names:** White tar; Camphor tar; Naphthalin; Naphthaline;  
Antimite; Albocarbon; Hexalene; Mothballs; Moth flakes

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

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## PRODUCT INTRODUCTION

Naphthalene is an aromatic hydrocarbon having chemical formula C<sub>10</sub>H<sub>8</sub>. It appears as white crystalline volatile solid with a strong mothball odor. It is highly sublime and does not dissolve in water but can dissolve in benzene, alcohol, ethers, chloroform and carbon disulfide. It is widely used as a moth repellent, fumigant, lubricants, and to make other chemicals, and for many other uses.

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## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Flake or Powdery Crystals
Purity	≥ 99%
Crystallizing Point	79.81 °C
Ash Content	0.001 %
Non-Volatile Matter	0.003 %
Acid Washing Calorimetric	3#

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## APPLICATIONS

- Naphthalene is used in manufacturing of SNF, beta naphthol, phthalicanhydride, tanning agents, moth balls, and domestic disinfectants.
- It is used in dyes, chemicals and pharmaceutical industries
- It is used in pyrotechnic special effects such as the generation of black smoke and simulated explosions.
- Naphthalene and its alkyl homologs are the major constituents of creosote
- Naphthalene is used in engineering to study heat transfer using mass sublimation

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## PACKING OPTIONS

Drums

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