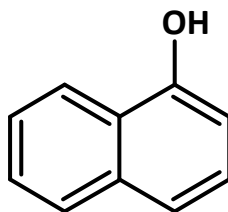


# 1-Naphthol ( $\alpha$ -Naphthol) - Technical Grade

CAS Number 90-15-3



1-Naphthol is a high-purity product widely used as a chemical intermediate to make various products from anti-oxidants for engine lubricants and oils to agricultural products to dyes and pigments.

1-Naphthol is available as a cast solid in drums, molten liquid in bulk, and flake in both 25kg and 500 kg bags. The solid in drums can be returned to the molten state by heating the drums.

## Physical Properties

Molecular Weight	144.16
Apparent Specific Gravity at 20/20°C	1.0954
Melting Point	96°C (205°F)
Boiling Point at 760 mmHg	288°C (550°F)
Solubility in Water	Approximately 0.03% by weight
Appearance	Colorless to brown, gradually darkens upon exposure to air and light

## Specifications

Purity	99.0%	MINIMUM
Residues	1.0%	MAXIMUM
Moisture	1.0%	MAXIMUM
$\beta$ -naphthol	0.5%	MAXIMUM

## Packaging

Molten Liquid, bulk tank trucks	To meet customer requirements
Solid Powder, bulk bags	500 kg NET
Solid Powder, bags	25 kg NET

## Storage & Handling

1-Naphthol has good storage stability. Upon prolonged exposure to air and light, 1-Naphthol will gradually darken; however, this darkening does not measurably alter the other properties of this material. Flakes can form clumps with time and higher storage temperatures. Containers should be kept covered when not in use. Storage in a clean, dry, shaded area is recommended.