

FICHA TÉCNICA

Alcanfor

Technical Data Sheet

Camphor Synthetic

Identity

IUPAC Name :1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one

CAS No.:76-22-2

Molecular Weight:152.24

Specification

Appearance:colourless solid with a characteristic odour

Moisture:clear

Melting point(°C) : 170 min

Purity : 96 % min

Specific optical rotation:-2°—+5°

Halogens (ppm): 350 max

Physical specification

Appearance :colourless solid with a characteristic odour

Melting Point:177 C

Boiling Point: 204 C

Vapor Density: 5.2 (air = 1)

Vapor Pressure: 12 mm Hg at 80 C [su

Flash Point: 65 C (closed cup)

Explosion Limits: 0.6-3.5%

Water Solubility: slight

Stability: Stable. Combustible. Incompatible with strong oxidizing agents, metallic salts, combustible materials, organics.