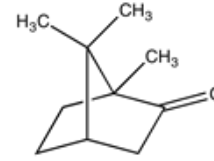


Identification

C₁₀H₁₆O
M = 152,24 g/mol
CAS [76-22-2]
EC number: 200-945-0
Taric code: 2914 21 00

**Synonyms**

1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one

Applications

plasticizer, in explosive compositions, in pyrotechnics, manufacturing of lacquers, cosmetics, for pharmaceuticals synthesizing.

Specifications

identity (IR-spectrum).....	passes test	insoluble in C ₂ H ₅ OH	passes test
appearance of solution.....	clear and colourless	acidity or alkalinity.....	passes test
specific rotation [α] ₂₀ /D, c=10, ethanol.....	-2° - +5°	halogen compounds (as Cl)	max. 0,01 %
ethanol).....	- 0,15 ° - + 0,15 °	residue on evaporation.....	max. 0,05 %
		water	passes test

Physical data

- Spec. Density: (25 °C) 0,992 g/cm³
- Solub. in water: (25 °C): 1,25 g/l
- Melting point: 172 - 176 °C
- Flash point: 64 °C
- Ignition temperature: 466 °C
- Expl. limit (upper): 3,5 Vol%
- Expl. limit (lower): 0,6 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements:

H301: Toxic if swallowed.
H228: Flammable solid.

**Precautionary Statements:**

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P241: Use explosion-proof electrical / ventilating / lighting / equipment.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P370+P378: In case of fire: Use ... for extinction.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 4.1 F1 III • UN 2717 • CAMPHOR, synthetic
- IMDG: 4.1 III • UN 2717 • CAMPHOR
- IATA/ICAO: 4.1 III • UN 2717 • CAMPHOR
- PAX: 419
- CAO: 420
- 15°C - 25°C