

1-Dodecanol, EssentQ®

Identification

C₁₂H₂₆O
M = 186,34 g/mol
CAS [112-53-8]
EC number: 203-982-0
Taric code: 2905 17 00

**Synonyms**

Dodecyl alcohol, Lauryl alcohol

Applications

laboratory reagent, synthesis of organic products.

Specifications

assay (G.C.)..... min. 97,5 %	identity (IR-spectrum)..... passes test
	residue on ignition..... max. 0,005 %

Physical data

- Density: 0,83 g/cm³
- Solub. in water: (20 °C): non-miscible
- Melting point: 22 - 24 °C
- Boiling point: 258 - 265 °C
- Flash point: 119 °C
- Ignition temperature: 275 °C

Safety - GHS

Signal Word: Warning

Hazard Statements:

H400: Very toxic to aquatic life.
H315: Causes skin irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.
P273: Avoid release to the environment.
P264: Wash thoroughly after handling.
P321: Specific treatment (see on this label).
P332+P313: If skin irritation occurs: Get medical advice / attention.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 9 M7 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(1-Dodecanol)
- IMDG: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(1-Dodecanol)
- IATA/ICAO: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(1-Dodecanol)
- PAX: 956
- CAO: 956
- 10°C - 30°C