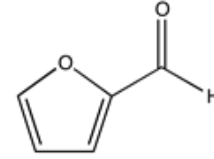


Identification

C₅H₄O₂
M = 96,09 g/mol
CAS [98-01-1]
EC number: 202-627-7
Taric code: 2932 12 00

**Synonyms**

2-Furaldehyde, 2-Furancarbaldehyde, Furylmethanal

Applications

analytical chemistry, for the detection of: aromatic amines, insecticide, fungicide, solvents.

Specifications

assay (G.C.).....	min. 98 %	density (20°/4°).....	1,158 - 1,160
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,01 %
		water (K.F.).....	max. 0,2 %

Physical data

- Density: 1,16 g/cm³
- Solub. in water: (20 °C): 83 g/l
- Melting point: -37 °C
- Boiling point: 162 °C
- Flash point: 60 °C
- Ignition temperature: 315 °C
- Vapour pressure: (20 °C) 1 hPa
- Dielectric const.: (20 °C) 41,9
- Saturation conc.: (20 °C) 5,8 g/m³
- Expl. limit (upper): 19,3 Vol%
- Expl. limit (lower): 2,1 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements:

H301: Toxic if swallowed.
H331: Toxic if inhaled.
H226: Flammable liquid and vapour.
H351: Suspected of causing cancer.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

**Precautionary Statements:**

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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: 6.1 TF1 II • UN 1199 • FURALDEHYDES
- IMDG: 6.1 II • UN 1199 • FURALDEHYDES
- IATA/ICAO: 6.1 II • UN 1199 • FURALDEHYDES
- PAX: 609
- CAO: 611
- 10°C - 30°C