Technical Data Sheet

Furfural

Product identifier

Chemical name: 2-Furaldehyde
Synonyms: Furan-2-carbaldehyde, 2-Furfuraldehyde 2-Furylmethanal,
Furan-2-carboxaldehyde, Fural, 2-Fornyl furan,
Furanaldehyde, Pyromucis aldehyde, Ant Oil

Formula: C₆H₄O₂
Molecular Mass: 96.09
Physical description: Colourless to yellow oily liquid. Odour: Characteristic:
pungent, almond

Specifications:

Furfural %: 99.0 min
Acidity, Eq/l: 0.02 max
Acidity, mg KOH/g: 0.99 max
Moisture, wt.%: 0.2 max
Residu, wt.%: 0.5 max

Physical Data:

pH: 3.5-4.5
Melting point / freezing point (°C): -37
Boiling point (°C) at 1013 hPa: 162
Flashpoint (°C): 60 (closed up)
Viscosity at 25 °C (mPa.s): 1.49
Auto Ignition temperature (°C): 392
Heat of combustion (kJ/kg): 24.410
Surface tension at 20 °C (mN/m): 43.5
Vapour pressure at 25 °C (hPa): 3.33

Methods of analysis are available upon request

Packing:

In bulk, tanktrucks, ISO containers, IBC’S and drums.
IBC: 1.000 kg nett
Drums: 250 kg nett
IMCO Class: 6.1
UN Nr.: 1199
Cas Nr.: 98-01-1
Tarriff code: 2932.1200