

## 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, : Furaldehyde, Pyromucis aldehyde, Ant Oil
Formula	: C <sub>5</sub> H <sub>4</sub> O <sub>2</sub>
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