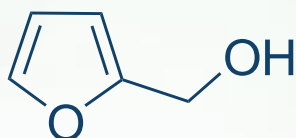


DATA SHEET

Furfuryl Alcohol

Furfuryl Alcohol



Chemical nature

IUPAC name:	(Furan-2-yl)methanol, 2-furan carbinol, furfural alcohol, 2-furyl carbinol, 2-furyl methanol, 2-hydroxymethylfuran
Molecular formula:	C ₅ H ₆ O ₂
Molecular weight:	98.10 g/mol
CAS number:	98-00-0
EC number:	202-626-1

EU REACH

Registration number:	01-2119493965-18-0003 (IFC) 01-2119493965-18-0000 (TFC)
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Delivery specifications

Parameter	Specification	Analysis method *
Furfuryl Alcohol purity [%]	min. 98.0	AM 007
Furfural [%]	max. 0.7	AM 007
Moisture content [wt%]	max. 0.3	AM 009
Cloud Point [°C]	max. 10	AM 010

* Available on request

Physical data

Appearance:	clear colourless liquid that turns from yellow and brown to dark red upon exposure to light and air
Odour:	characteristic: slightly pungent
Boiling point:	171°C
Flash point (closed cup):	65°C
Melting point / freezing point:	-14.6°C
pH (30% aqueous solution):	4 - 6
Surface tension (25°C):	38 mN/m
Viscosity (25°C):	4.62 mPa.s

Relative density (20°C/4°C):	1.13
Vapour pressure (20°C):	0.053 kPa
Evaporation rate (ether = 1):	443
Solubility in water (20°C):	miscible
Partition coefficient <i>n</i> -octanol/water:	0.3
Auto-ignition temperature:	490°C
Heat of combustion:	26 000 kJ/kg

Applications

Use for the manufacturing of polymers

Use for the manufacturing of blends/formulations

Use for the manufacturing of abrasive wheels, refractory products, friction (brake pads, clutch facing), acid-resistant coatings, moulds

Use for wood impregnation/modification

Use as paint stripper

Packaging

Available in bulk (tank truck, ISO container), 1000 L IBC white/black (1000 kg net) and drum (240 kg net)

Shelf life

The product should be stored under ambient conditions (max. 25°C), protected from exposure to direct sunlight, heat sources and air. Storage under nitrogen atmosphere is recommended. Drum lots may be stored for months without appreciable change in physical properties.

Expiry date: 12 months after production

Other information

UN number:	2874
ADR/ADN/RID hazard class:	6.1, code T1
IMDG hazard class:	6.1
ICAO hazard class:	6.1
HS code:	2932.1300

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Our locations in the world

● commercial offices (IFC, TFUK en IFC NA)

● manufacturing location (TFC)