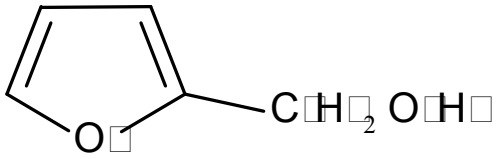
PENNAKEM
Renewable Resource Chemistry

FA® Furfuryl alcohol



Formula: ..... $C_5H_6O_2$
Molecular: Weight:98.1
CAS Registry Number: 98-00-0
EINECS Number:..... 202-626-1

Applications

Furfuryl alcohol is used in the synthesis of many pharmaceutical, agricultural and industrial chemicals. It is used in large quantities to make sand molds for metal casting. Pennakem uniquely produces a high purity grade of furfuryl alcohol.

Health and Safety

Contact with furfuryl alcohol should be avoided because of its toxic effects. Furfuryl alcohol is very unstable when contacted with even low levels of strong acids. Uncontrollable exothermic polymerizations canoccur. Dispose of in accordance with regulations. Always consult the MSDS when using furfuryl alcohol.

Specifications	Value
Assay, % minimum	98.0
Furaldehyde, wt% maximum	0.7
Water, % maximum	0.3
Cloud point, ºC maximum	10

High Purity Furfuryl Alcohol

Specifications	Value
Assay, % minimum	98.5
Furaldehyde, wt% maximum	0.7
Water, % maximum	0.15
Cloud point, ºC maximum	8

Property	Value
Boiling Point, ºC	170
Vapor pressure, mm 25 ºC	0.6
Freezing Point, ºC	-15
Density (20ºC)	1.14
Vapor density (air=1)	3.4
Refractive Index (20ºC)	1.487
Flash Point (Tag. closed Cup), ºC	77
Viscosity, cps 25 ºC	4.6
Solubility in Water at 20ºC, g/100g	miscible

Availability and Shipping

Furfuryl alcohol is available in bulk, in 55 gallon steel drums and 5 gallon cans. Shipped as: Furfuryl alcohol, 6.1, UN 2874, PG III. Label: Toxic.

Contact Information
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