

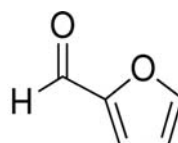
FURFURAL

USES

- Solvent for lube refineries & decolorizing agent
- Reactive solvent and good wetting agent (furfural is unusually effective as a solvent for phenolic resins)
- Unique chemical feedstock for furfuryl alcohol and other Furan derivatives
- Maleic anhydride feed
- In production of synthetic polymers, like Butadiene Rubber and Plastics

PROPERTIES

Furfural ($C_5H_4O_2$) is an aromatic aldehyde, which is produced from



agricultural by product, particularly "bagass".

Technical Furfural is a liquid of light-yellow color with almonds distinctive odor. It has large reactivity and forms various derivatives easily. Furfural easily dissolve in Alcohol, Benzene and Chloroform etc. This product slightly dissolve in water. Furfural decomposes into furan and carbon monoxide when heated above 250°C. Furfural irreversibly solidifies into a hard thermosetting resin when heated in presence of acids.

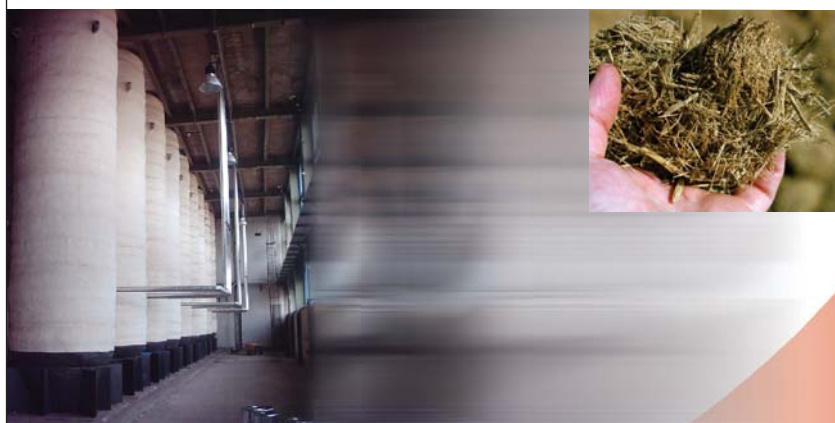
TYPICAL CHARACTERISTICS

| Specification | Test Method | Result |
|----------------------------------|--------------|-------------|
| Appearance | Visual | B.C |
| Density (20°C) kg/m ³ | ASTM D-1298 | 1.158-1.161 |
| IBP °C Min | ASTM D-1160 | 150 |
| EBP °C Max | ASTM D-1160 | 170 |
| Boiling point °C | ASTM D- 1160 | 158-162 |
| Freezing point °C | ASTM D-1177 | -36.5 |
| Flash point °C | ASTM D- 92 | 60 |
| Acidity (eq/L) Max | ISO TM-2888 | 0.02 |
| RI @20°C | ASTM D-1218 | 1.524-1.527 |
| Ash content %W Max | ASTM D-482 | 0.008 |
| Water Content %Wt Max | ASTM D-1218 | 0.2 |
| *Purity %Wt Min | ISO TM-2512 | 98.5 |

*It can be adjusted according to customer's need up to 99.25%

PERFORMANCE SPECIFICATION

Complies with ISIRI NO.6712



Packaging

240 Kg net new steel drum