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/m3	ASTM D-1298	1.158-1.161
IBP ˚C Mln	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

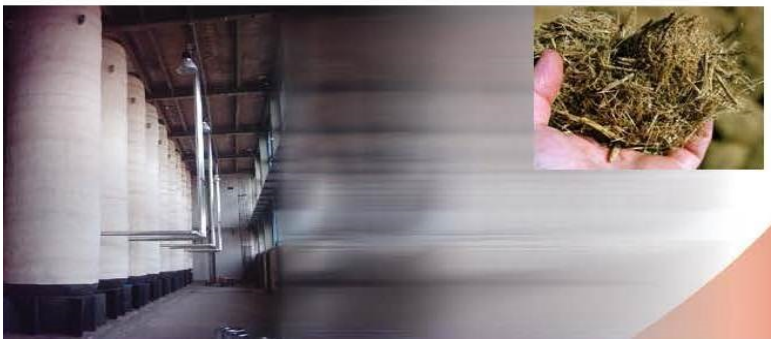
*It can be adjusted according to customer's need up to 99.25%

PERFORMANCE SPECIFICATION

Complies with ISIRI NO.6712

Packaging

240 Kg net new steel drum



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