


Technical Data Sheet

Basic information

Chemical name	Furfural	Formula	C ₅ H ₄ O ₂
Synonyms	2 - Furancarboxyaldehyde		
CAS.No.	98-01-1	Chemical structure	
EINECS No.	202-627-7		
Molecular weight	96.08		

Physical properties

Appearance	Colorless to light yellow oily liquid, is easy to turn yellow brown in air
Density, g/ml	1.16
Boiling point, C	167
Melting point, C	-36.5
Flash point, C	60
Solubility	Slightly soluble in water, soluble in ethanol, ether, acetone, chloroform, benzene

Specification

Items	Specification
Appearance	Colorless to light yellow oily liquid
Assay, %	≥98.50
Acid, mol/L	≤0.016
Ash, %	≤6.00
Moisture, %	≤0.20
Refractive Index(20 C)	1.524 ~ 1.527
Specific gravity	1.158 ~ 1.161

Application

Furfural is an important organic chemical products, widely used in synthetic of plastics, pharmaceuticals, pesticides and so on.

- 1) Furfural is an excellent organic solvent for refining advanced lubricating oil and diesel oil.
- 2) Furfural mainly used as industrial solvents for the preparation of furfuryl alcohol, furoic acid, tetrahydrofuran, γ -valerolactone, pyrrole, tetrahydropyrrole, etc. But also with its synthetic furfural resin, furan resin, rubber vulcanization accelerator, rubber and anti-aging agent, preservatives, etc.

- 3) Furfural can replace formaldehyde and phenol in the acid or alkali catalyzed condensation, and manufacture phenolic resin.
- 4) Furfural mainly used for the preparation of a variety of hot processing-type flavor, such as bread, cream hard candy, coffee and others.

Package

- 1) 250kg per iron drum, 20mt per 20'ft containers;
- 2) 20-25MT per ISO Tank;

Safety on transportation

It belongs to hazard class 6.1 poisonous dangerous goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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