

Technical information

FURFURAL

Synonyms:	2-furfuraldehyde		
CAS number:	98-01-1	EINECS number:	202-627-7
Formula:	C ₅ H ₄ O ₂	Molecular Weight:	96.08
HTS number:	29321200	TCSA	

SPECIFICATION

Appearance	light yellow to amber transparent liquid
Purity %	98.5 min
Moisture %	0.20 max
Acidity mol/L	0.016 max
Distillation ibp	150 min
dp	170 max
Density g/ml	1.158-1.161
Refractive index (n _D 20)	1.524-1.526

PROPERTIES

Odor	irritant
Melting point	-36°C
Flash Point	60 °C
Miscible with oxygenates, aromatics, chlorinated solvents	

PACKING

200 kg drums

HEALTH & SAFETY, SHIPPING

RID/ADR 6.1/13b

Classification	Irritant
	Toxic; possible carcinogen
Codes / markings	R 21-23/25-36/37-40
	S 26-36/37/39-45



UN 1199

APPLICATIONS

- solvent refining of lubricant oils
- butadiene extraction
- solvents for nitrocellulose, resins, cellulose acetate
- intermediate for tetrahydrofuran, furfuryl alcohol
- furan polymers

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