

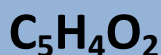


Product Specification

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FURFURALDEHYDE (FURFURAL)

PRODUCT CODE	028438
SYNONYMS	Furfural, 2-Furaldehyde, 2-Furancarboxyaldehyde
C.I. NO.	N/A
CASR NO.	98-01-1
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₄ O ₂
ATOMIC OR MOLECULAR WEIGHT	96.09
PROPERTIES	Combustible.



PARAMETER	LIMIT
Description	Oily, colourless liquid, may become yellow, then reddish brown or brown on exposure to light / air.
Solubility	Soluble in alcohol, ether and benzene. 9.0% soluble in water at 20°C.
Assay (ex CHO)	98 - 101%
Wt.per ml at 20°C	1.158 - 1.162 g
Boiling Range	160 - 163°C

MAXIMUM LIMIT OF IMPURITY

Acidity	3 ml N/1%
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Note(s) : Assay (if applicable) method mentioned.

DANGER HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Fatal if inhaled. Toxic if swallowed. Harmful in contact with skin. Causes mild skin irritation. Causes serious eye irritation. May cause allergic skin reaction. Suspected of causing cancer. PRECAUTIONARY STATEMENTS :	IMDG Code : 6.1/III UN No. : 1199 IATA : 6.1
Disposal : -Disposal : The chemical is disposed off by its slow addition to an excess of water. The final concentration should not be greater than 2%. Neutralize with 5% hydrochloric acid and run to waste with large quantities of running water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
Hazard pictogram(s) :	

