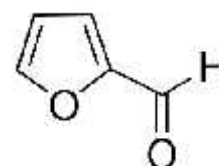


FURFURALDEHYDE AR/ACS

PRODUCT CODE	531410
SYNONYMS	Furfural, 2-Furaldehyde, 2-Furancarboxaldehyde
C.I. NO.	N/A
CASR NO.	98-01-1
ATOMIC OR MOLECULAR FORMULA	C₅H₄O₂
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.
Minimum Assay (By GC)	99.0%
Wt. per ml at 20°C	1.158 - 1.160 g
Refractive Index (n) _D ²⁰	About -1.525
Boiling Range(161 - 163°C)	Min. 95.0%

MAXIMUM LIMIT OF IMPURITIES	
Water	0.05%
Titrate acid	0.02 meq/g
Residue after evaporation	0.5%
Sulphated Ash	0.005%

Note(s): Assay (if applicable) method mentioned.

<p>DANGER</p> <p>Hazard statements: Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects</p> <p>Precautionary statements</p> <p>Prevention: Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.</p> <p>Response: Get medical advice/attention if you feel unwell. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Specific treatment: refer to Label or MSDS. Wash/ Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing</p>	<p>IMDG Code : 6.1/II</p> <p>UN No. : 1199</p> <p>IATA : 6.1</p>
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Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



GHS06



GHS08

Replace Date-22-Jun.2020