

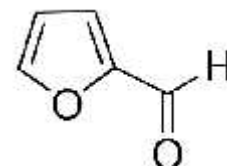


# Product Specification

cdhfinechemical.com

## FURFURALDEHYDE (FURFURAL)

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



| <b>PARAMETER</b>   | <b>LIMIT</b>  |
|--------------------|---|
| 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   |

| <b>MAXIMUM LIMIT OF IMPURITY</b> |           |
|----------------------------------|-----------|
| Acidity                          | 3 ml N/1% |

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

|   |   |
|---|---|
| <b>DANGER</b><br><b>Hazard statements:</b> 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<br><b>Precautionary statements</b><br><b>Prevention:</b> 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.<br><b>Response:</b> 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 | IMDG Code : 6.1/II<br>UN No. : 1199<br>IATA : 6.1 |
|---|---|

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

|                              |           |
|------------------------------|-----------|
| <b>Hazard Pictogram(s) :</b> |           |
| <br>GHS06                    | <br>GHS08 |

Replace Date-22-Jun.2020