

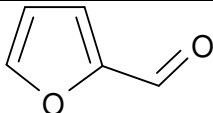


SDFCL
s d fine-CHEM limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\38438XPS.xls
PRODUCT CODE	38438
PRODUCT NAME	FURFURALDEHYDE LR
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)	Min. 95.0%
Acidity	Not more than 3 ml N/1%
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 :

Prevention : Obtain special instructions before use. Contaminated clothing should not be allowed out of the workplace. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear protective gloves/clothing Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves and eye/face protection. Use explosion-proof electrical/ventilating/lighting/equipment Keep container tightly closed. Use personal protective equipment as required. Keep away from heat/sparks/open flame - No smoking. Use only non-sparking tools. Do not handle until all safety precautions have been read and understood. Take precautionary measures against static discharge Ground/bond container and receiving equipment.

Response : If exposed or concerned: Get medical attention advice. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. Wear eye/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If skin irritation occurs, seek medical advice/attention. Specific treatment: refer to Label or MSDS. Call a POISON CENTER or doctor/physician if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF SWALLOWED: 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. Immediately call a POISON CENTER or doctor/physician.

IMDG Code : 6.1/III
UN No. : 1199
IATA : 6.1

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) :



Flammable liquids Acute toxicity Aspiration hazard

Prepared By : MANISH PATEL	Checked By: K.B.DESAI	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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