

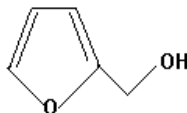


SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\36102XPS.xls		
PRODUCT CODE	36102		
PRODUCT NAME	FURFURYL ALCOHOL LR (for synthesis)		
SYNONYMS	2-Hydroxymethyl furan		
C.I. NO.	N/A		
CASR NO.	98-00-0		
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₆ O ₂		
ATOMIC OR MOLECULAR WEIGHT	98.10		
PROPERTIES	Becoming brown to dark-red upon exposure to light & air. It auto polymerizes with acid catalysts, often with explosive violence. Miscible with water, but unstable in water.		
			
PARAMETER	LIMIT		
Description	Colourless to pale yellow liquid.		
Solubility	Miscible with water.		
Minimum assay (By GC)	98.0%		
Wt. per ml at 20°C	1.132 – 1.133 g		
Refractive Index (n) _D ²⁰	Abt. 1.487		
MAXIMUM LIMIT OF IMPURITIES			
Water	0.20%		
Note(s) : Assay by Gas chromatography method.			
DANGER HAZARD STATEMENTS : Combustible Liquid. Fatal if inhaled. Toxic if swallowed. Harmful in contact with skin. Causes eye irritation. PRECAUTIONARY STATEMENTS Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Use explosion-proof electrical/ventilating/lighting/equipment. Wear respiratory protection. Keep away from flames and hot surfaces. Response : IF ON SKIN: Gently wash with plenty of soap and water. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. In case of fire, use dry agent for extinction. 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. In case of fire, use alcohol-type foam for extinction. Wash contaminated clothing before reuse. 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.			
Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.			
Hazard pictogram(s) :  Acute toxicity			
Prepared By : DINESH Name/Dept. : Officer (Q.A.) Sign. : Date : 05/08/2010	Checked By: RAJU VYAS Name/Dept. :Incharge(Q.A.) Sign. : Date : 05/08/2010	Approved By: S.S.TOLIA Name/Dept. : Incharge (Tech.) Sign. : Date : 07/08/2010	Issue Date : 01/07/2002 Revision No. : 01 Revision dt. : 07/08/2010 AMEND NO. : P062