



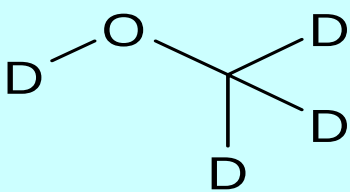
SDFCL
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Quality Control Dept.



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Product Specification

E Control	QC2\DATAD\ID:\PSI24075XPS.xls		
PRODUCT CODE	24075		
PRODUCT NAME	METHANOL-d4 99.8% (FOR NMR SPECTROSCOPY)		
SYNONYMS	(Tetradeutero methanol) (Methyl-d3 alcohol-d)		
C.I. NO.	--		
CASR NO.	(811-98-3)		
ATOMIC OR MOLECULAR FORMULA	CD ₄ O		
ATOMIC OR MOLECULAR WEIGHT	36.07		
PROPERTIES	Hygroscopic		
			
PARAMETER	LIMIT		
Description	Clear, colourless liquid.		
Deuteration degree	Min. 99.8%		
1H NMR for Chemical purity	Passes test		
1H NMR for protic water content	0.02%		
Water (KF) (H ₂ O+D ₂ O)	Max 0.1%		
MAXIMUM LIMIT OF IMPURITIES			
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Note(s) : Assay (if applicable) method mentioned.			
WARNING Hazard statements: May cause drowsiness and dizziness. Highly flammable liquid and vapour. Toxic if inhaled. Harmful if swallowed Precautionary statements Prevention: Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Use only non-sparking tools. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves and eye/face protection. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Use explosion-proof electrical/ventilating/ lighting/equipment. Take precautionary measures against static discharge. Response: Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS. In case of fire, use alcohol-type foam for extinction.			IMDG Code : 3/II UN No. : 1230 IATA : 3
Disposal: Dispose of contents and container in accordance with relevant legislation.			
Hazard Pictogram(s) :			
 			
Acute toxicity Flammable			
Prepared By :	Checked By:	Approved By:	Issue Date : 18.07.2007
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 02
Sign. :	Sign. :	Sign. :	Revision dt. : 10.04.2015
Date : 02.04.2015	Date : 02.04.2015	Date : 10.04.2015	AMEND NO. :1677