

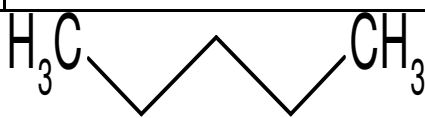


SDFCL
s d fine-CHEM limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\D:\PS\25389XPS.xls		
PRODUCT CODE	25389		
PRODUCT NAME	N-PENTANE FOR HPLC & SPECTROSCOPY		
SYNONYMS	N/A		
C.I. NO.	N/A		
CASR NO.	109-66-0		
ATOMIC OR MOLECULAR FORMULA	$\text{CH}_3(\text{CH}_2)_3\text{CH}_3$		
ATOMIC OR MOLECULAR WEIGHT	72.15		
PROPERTIES			
PARAMETER	LIMIT		
Description	A clear liquid with a characteristic odour, not more than 10 Hazen units in colour.		
Solubility	Miscible with absolute methylated spirit (methanol) forming clear and colourless solution.		
Minimum assay	99.0%		
Wt. per ml at 20 °C	0.625 g		
MAXIMUM LIMIT OF IMPURITIES			
Water	0.01%		
Non volatile matter	0.002%		
Acidity (C ₄ H ₉ COOH)	0.001%		
Maximum absorbance in a 1.0 cm cell at :			
200 nm	1.0		
225 nm	0.1		
250 nm	0.01		
Note(s) : Assay (if applicable) method mentioned.			
DANGER HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if swallowed. Toxic to aquatic life with long lasting effects PRECAUTIONARY STATEMENTS : Prevention : Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection. Response : Specific treatment: refer to Label or MSDS. In case of fire, use foam for extinction. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.		IMDG Code : 3/II UN No. : 1265 IATA : 3	
Disposal: ---			
Hazard pictogram(s) :			
			
Skin irritation Flammable liquids Hazardous to the aquatic environment			
Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 23/08/2010

Date : 20/08/2010	Date : 20/08/2010	Date : 23/08/2010	AMEND NO. : P062
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