



SDFCL
s d fine-chem limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\38001XPS.xls		
PRODUCT CODE	38001		
PRODUCT NAME	N-DECANE LR		
SYNONYMS	Decyl hydride		
C.I. NO.	N/A		
CASR NO.	124-18-5		
ATOMIC OR MOLECULAR FORMULA	C ₁₀ H ₂₂		
ATOMIC OR MOLECULAR WEIGHT	142.29		
PROPERTIES	Combustible		
H₃C [] CH₃ 8			
PARAMETER	LIMIT		
Description	A clear viscous liquid, colour not more than 10 Hazen units.		
Solubility	Immiscible with water. Sparingly miscible with alcohol.		
Minimum assay (By GC)	97.0%		
Wt.per ml at 20 °C	0.728 - 0.730 g		
Refractive Index (n) _D ²⁰	1.411 - 1.413		
Boiling Range (171 - 175 °C)	Min. 95.0%		
MAXIMUM LIMIT OF IMPURITIES			
Non volatile matter	0.02%		
Note(s) : Assay (if applicable) method mentioned.			
WARNING HAZARD STATEMENTS : May cause respiratory irritation. Flammable liquid and vapour. Harmful to aquatic life. PRECAUTIONARY STATEMENTS : Prevention : Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Ground/bond container and receiving equipment. Use only non-sparking tools. Wear protective gloves and eye/face protection. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Response : 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. Disposal : Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.		IMDG Code : 3/III UN No. : 2247 IATA : 3	
Hazard pictogram(s) :			
Skin irritation Flammable liquids			
Prepared By : DINESH	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. : 02
Sign. :	Sign. :	Sign. :	Revision dt. : 30/08/2010
Date : 27/08/2010	Date : 27/08/2010	Date : 30/08/2010	AMEND NO. : P062