



SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\38272XPS.xls
PRODUCT CODE	38272
PRODUCT NAME	N-DODECYLMERCAPTAN
SYNONYMS	1-Dodecanethiol
C.I. NO.	N/A
CASR NO.	112-55-0
ATOMIC OR MOLECULAR FORMULA	C ₁₂ H ₂₆ S
ATOMIC OR MOLECULAR WEIGHT	202.4
PROPERTIES	Combustible



PARAMETER	LIMIT
Description	Clear colourless liquid.
Solubility	Immiscible with water, sparingly soluble in alcohol.
Minimum assay(By GC)	98.0%
Wt.per ml at 20°C	Abt. 0.844 g
Refractive Index (n) _D ²⁰	Abt. 1.458

Note(s) : Assay (if applicable) method mentioned.

HAZARD STATEMENTS : Not hazardous No hazards determined by using GHS criteria	IMDG Code :--- UN No. :--- IATA :---
Disposal : Disposal of small quantities of cyanide residues (and mercaptans) is done as follows. Dissolve the residues in water, ensuring that concentration of solution is not more than 5%. Add 10-15% sodium hypochlorite solution with stirring until excess hypochlorite is indicated by the solution turning starch iodide paper to a definite blue colour. Add a further small volume of hypochlorite solution and leave to stand aside for 24 hours. Recheck the excess of hypochlorite with starch-iodide paper and if the test is positive then wash the treated away solution with large amounts of water. If the test is negative then repeat the treatment with hypochlorite solution until detoxification is completed.	

Hazard pictogram(s) :

Prepared By : VINOD PATEL Name/Dept. : Officer (Q.A.) Sign. : Date : 03/08/2010	Checked By: RAJU VYAS Name/Dept.:Incharge(Q.A.) Sign. : Date : 03/08/2010	Approved By: S.S.TOLIA Name/Dept. : Incharge (Tech.) Sign. : Date : 05/08/2010	Issue Date : 01/07/2002 Revision No.: 02 Revision dt. : 05/08/2010 AMEND NO. : P062
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