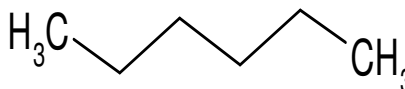




Product Specification

E Control	QC2\DATAD\DA\PS\25384XPS.xls
PRODUCT CODE	25384
PRODUCT NAME	n-HEXANE FOR HPLC & SPECTROSCOPY
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	---
ATOMIC OR MOLECULAR FORMULA	CH ₃ (CH ₂) ₄ CH ₃
ATOMIC OR MOLECULAR WEIGHT	86.18
PROPERTIES	



PARAMETER	LIMIT
Description	A clear liquid with a characteristic odour, colour not more than 10 Hazen units.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless soln.
Minimum assay	99.0%
Wt.per ml at 20 °C	0.658 - 0.659 g
Refractive Index (n) _D ²⁰	1.3700
Boiling Range (1 °C between 67.7 - 69.2 °C)	Min. 95.0%

MAXIMUM LIMIT OF IMPURITIES

Acidity	0.0005 meq/g
Alkalinity	0.0002 meq/g
Water	0.01%
Non volatile matter	0.001%
Maximum Absorbance in a 1.0 cm cell at:	
195 nm (UV Cut Off)	1.0
220 nm	0.1
245 nm	0.01

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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Causes skin irritation. Causes eye irritation. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure by inhalation. Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS :

Prevention : Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Use only non-sparking tools. Ground/bond container and receiving equipment. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling. Obtain special instructions before use. Take precautionary measures against static discharge. 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.

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. Get medical advice/attention if you feel unwell. If skin irritation occurs, seek medical advice/attention. If exposed or concerned: Get medical attention advice. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Remove/Take off immediately all contaminated clothing. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.

Disposal : ---

IMDG Code : 3/II
UN No. : 1208
IATA : 3

Hazard pictogram(s) :





Skin irritation Flammable liquids Aspiration hazard Hazardous to the aquatic environment

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. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 21/08/2010
Date : 19/08/2010	Date : 19/08/2010	Date : 21/08/2010	AMEND NO. : P062