



Product Specification

n-HEXANE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	743600
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	110-54-3
ATOMIC OR MOLECULAR FORMULA	CH₃(CH₂)₄.CH₃
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	30% solution in methanol is clear and colourless.
Minimum Assay (GLC)	99.0%
Wt.per ml at 20°C	0.658 - 0.659 g
Refractive Index (n) _D ²⁰	1.375 - 1.376
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.

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



Central Drug House (P) Ltd.

AN ISO 9001:2008 CERTIFIED COMPANY

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media

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Disposal: -----

Hazard pictogram(s) :



Skin irritation



Flammable liquids



Aspiration hazard



Hazardous to the aquatic environment