

HEXANE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	743560
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	110-54-3
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₄
ATOMIC OR MOLECULAR WEIGHT	86.18
PROPERTIES	---



PARAMETER	LIMIT
Description	A clear colourless liquid having a characteristic odour.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear and colourless solution.
Wt.per ml at 20°C	0.655 - 0.665 g
Boiling Range	65- 70°C

MAXIMUM LIMIT OF IMPURITIES

Water	0.01%
Acidity (CH ₃ COOH)	0.001%
Alkalinity (NH ₃)	0.0002%
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. May cause drowsiness or dizziness. Extremely flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention : Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. If eye irritation persists: Get medical advice/attention.

Disposal: -----

IMDG Code : 3/II
UN No. : 1268
IATA : 3

Hazard pictogram(s) :



Replace Date 19-Dec-2025