

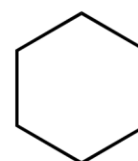


Product Specification

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CYCLOHEXANEFOR HPLC & SPECTROSCOPY

PRODUCT CODE	717600
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	110-82-7
ATOMIC OR MOLECULAR FORMULA	C₆H₁₂
ATOMIC OR MOLECULAR WEIGHT	84.16
PROPERTIES	---
PARAMETER	LIMIT
Description	A clear and colourless liquid.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless soln.
Minimum assay (By GC)	99.7%
Wt.per ml at 20°C	0.777 - 0.779 g
Boiling Range(80 - 81 °C)	Min. 95.0%
Refractive Index (n) _D ²⁰	1.426-1.427
MAXIMUM LIMIT OF IMPURITIES	
Water (H ₂ O)	0.03%
Non volatile matter	0.001%
Free acid (HCl)	0.001%
Maximum absorbance in a 1 cm cell at :	.
220 nm (UV CUT OFF)	1.0
240 nm	0.1
260 nm	0.01
Note(s): Assay (if applicable) method mentioned.	
DANGER HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. Very toxic to aquatic life with long lasting effects. PRECAUTIONARY STATEMENTS : Prevention : Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Wash thoroughly after handling. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection. Keep container tightly closed Response : If skin irritation occurs, seek medical advice/attention. Remove/Takeoff immediately all contaminated clothing. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS.	IMDG Code : UN No. : IATA :
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.	





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Hazard Pictogram(s) :--



GHS02



GHS07



GHS09